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GARDENING IS  
AN EMPLOYMENT FOR WHICH  
TOO HIGH OR  
TOO LOW.



# V AUGHAN'S AUTUMN BULBS AND PLANTS "RED, WHITE & BLUE"



COLLECTION OF

"CHRISTMAS" HYACINTHS

12 large bulbs for only 50¢  
postpaid.

4 RED | COMBINING THE  
4 WHITE | COLORS OF  
4 BLUE | OUR COUNTRY.

THESE BEAUTIFUL  
"CHRISTMAS"  
OR  
ITALIAN HYACINTHS  
can be easily bloomed  
by DECEMBER 25<sup>th</sup>  
under ordinary treatment.

COMPLETE CULTURAL DIRECTIONS  
WITH EACH ORDER.

THEIR BEAUTY OF FORM,  
ELEGANCE OF COLOR,  
Fragrance & ease of Culture  
COMMEND THEM  
TO EVERY FLOWER LOVER.

CHICAGO  
84 & 86 RANDOLPH ST.

SEE BACK COVER FOR THREE SPLENDID FARM CRIBS

H. M. WALL  
LITHOGRAPHER  
BROOKLYN, N.Y.

FALL  
1898

.. AUTUMN EDITION ..

## Vaughan's Gardening Illustrated

A Mirror of American Horticulture.

### A WINTER GARDEN FOR THE HOUSE.

For more than twenty years we have made a leading specialty of Flowering Bulbs, supplying not only our regular Catalogue customers, but also in a very large way at wholesale, the florists, the Parks and Public Grounds, both east and west. This places us in

position to furnish not only a most complete variety, Dutch, French and German, but a selection from large stocks of the LARGEST and FINEST BULBS for in-door winter blooming, as well as for the garden.

The quality of our bulbs, imported as they are for florists who force most of them for cut flowers, may be depended on as THE VERY BEST, SURE TO GIVE SPLENDID FOLIAGE AND BLOOM.

### AN OUT DOOR Flower Garden

In the Early Spring.

A SPRING GARDEN in the most gay and varied colors may be grown from the same classes of dormant bulbs if planted out of doors in the Autumn. They are perfectly hardy. Our book, "FLOWER BULBS", which we send free for the asking with all orders amounting to \$2.00 and upwards, gives complete and reliable instructions how to plant and grow them. FALL PLANTING is desirable

for many plants, fruits and flowers, often making a gain of nearly a year in their flowering and fruiting season. Asparagus, Strawberries, Paeonies, Lilies and many others which we refer to herein should be planted in the Fall.

### CONTENTS OF THIS BOOK.

Abutilon.....	16	Bougainvillea.....	16	Dielvtria.....	11	Hydrangea.....	20	Oxalis.....	13	Sparaxis.....	12
Allium.....	9	Brodiaea.....	10	Essex Rape.... back cover		Hyacinth Glasses.....	4	Paeonies.....	20	Spiraea.....	12
Althea.....	20	Calla Lily, inside back		Ferns.....	18	Iris.....	12, 20	Palms.....	18	Spring Snowflake.....	12
Amaryllis.....	9	cover.....	9, 10, 17	Fertilizers.....	23, 24	Ixias.....	13	Pandanus.....	18	Star Collection.....	15
Ampelopsis Veitchi.....	20	Calochortus.....	10	Ficus.....	18	Jonquils.....	7	Pinks.....	20	Strawberry plants.....	20
Anemones.....	9	Carnation.....	17	Flower Pots.....	24	Kentia.....	18	Plant Bed Cloth.....	24	Surplus Bulbs.....	9
Anomatheca.....	11	Chinese Lily.....	8	Flower Seeds.....	21	Latania.....	18	Poultry Supplies.....	24	Sword Fern.....	18
Apple.....	20	Chionodoxa.....	10	Forget-Me-Not.....	20	Lantana.....	18	Primroses.....	17	Tree Seeds.....	24
Areca.....	18	Chrysanthemum.....	17	Freesias.....	11	Lawn Grass Seed.....	23	Prunus Pissardi.....	20	Tritelia.....	12
Arum Sanctum.....	9	Clematis.....	20	Geraniums.....	17	Lilacs.....	20	Ranunculus.....	12	Tropaeolum.....	12
Asparagus Ornamental.....	16	Cocos Weddeliana.....	18	Gladiolus.....	13	Lilies.....	14	Raspberry plants.....	20	Tuberoses.....	15
Aspidistra.....	16	Crocus.....	11	Gloxinia.....	13	Lily of the Valley.....	12	Rofea.....	24	Tulips.....	5-6
Araucaria.....	18	Crimson Clover, Back		Gooseberry.....	20	Logan Berry.....	20	Roses.....	19	Tubs.....	24
Azalea.....	16	Cover.....		Grain.....	23	Mushroom Spawn.....	22	Rubber Tree.....	18	Umbrella Plant.....	17
Begonia.....	16	Crown Imperials.....	10	Grapes.....	20	Myrtle.....	18	Rudbeckia.....	20	Vegetable Seeds.....	22
Bird Seed.....	24	Currants.....	15	Grape Hyacinths.....	4	Narcissus.....	7, 8	Rye.....	23	Wheat, back cover.....	23
Bleeding Heart.....	11	Cyces Revoluta.....	18	Helianthus.....	20	Onion Sets.....	22	Scilla.....	12, 15	Winter Oats.....	23
Bone Mills.....	24	Cyclamen.....	11, 17	Honeysuckles.....	20	Orange Otaheite.....	17	Seed Sower.....	23	Wistaria.....	20
Bowker's Plant Food.....	24	Cyperus.....	17	Hyacinths, Inside cover,		Ornithogalum.....	13	Snowdrops.....	12		
		Daffodils.....	7, 8	front cover .....	2, 3, 4						

### BUSINESS RULES--PLEASE READ CAREFULLY.

**HOW TO ORDER.**—We do not send seeds, Plants or Bulbs C. O. D. Write your Name, Post Office, State and your Express Office plainly with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must be at your expense and risk.

**PREPAID.**—Prices given in this catalogue usually include prepayment by mail on Bulbs and Plants (not tools, unless so marked) except where offered "by express," or marked otherwise then the purchaser is to pay charges.

**REMEMBER,** sometimes in the busiest season others may have orders ahead of you, which must be filled in rotation. Order early.

**COST OF REMITTANCE.**—Our customers may select additional bulbs FREE, with every order of \$1.00 or more, to the amount of the cost of the money order, registered letter, or other remittance.

**VERY IMPORTANT.**—You can greatly aid us by using order sheet, as follows:

1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible make out your list in the same order in which the goods are catalogued, beginning at the front.

**PROMPT DELIVERY.**—If goods are not received in a reasonable time, send exact copy of order, date sent, stating amount of enclosure, kind of remittance draft or money order) and the same will be investigated.

**HOW TO PAY.**—Send cash with order (as we do not open book accounts for small amounts, and can only send to value of money received) by New York or Chicago Draft, Registered Letter, Money Order, Express Order in any of these ways at our risk. Postage stamps in small amounts are taken as Cash, but they must be sent so they will not stick together. Registered letters are generally very safe and you can send that way from any postoffice and get our receipt by return mail.

**ERRORS.**—If stock is not as expected, compare with order, read catalogue rules carefully and if we are in the wrong write us at once, giving all particulars as in paragraph above, but do not complain to others until we have had a chance.

**TIME OF SENDING.**—Not all Fall Bulbs are ready at the same time, but nearly all of the Dutch and French importations are in the store by September 15th. The following table gives approximate dates of arrival.

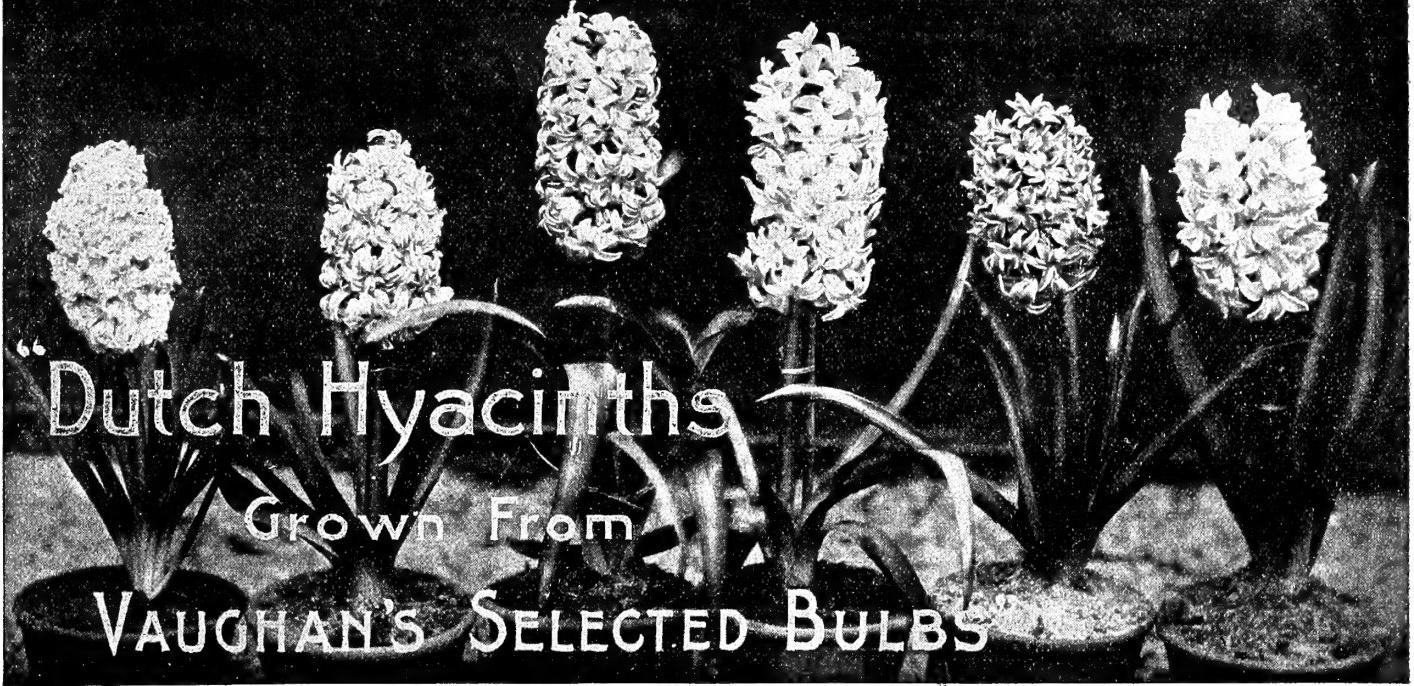
**Sept. 1st.** Lilium Candidum, Roman Hyacinths, Lilium Harrisii, Freesias, Paper White Narcissus. **Sept. 15th.** Hyacinths, Tulips and other Dutch bulbs, Callas. **Oct. 20th,** full supply of Lilies, Chinese Narcissus, Dahlias, Paeonies and Gladiolus. **Nov. 10th,** Spiraea and Lily of the Valley, new crop of Tuberoses.

Unless otherwise stated by our customers, we always forward such Bulbs as are ready on receipt of order, and the balance as fast as the different kinds arrive. If other arrangements are desired, please to so state at the bottom of the order.

NEW YORK,  
14 Barclay Street.

Vaughan's Seed Store

84-86 E. Randolph St.  
206-208 W. Randolph St. } CHICAGO.



# Dutch Hyacinths

Grown From

VAUGHAN'S SELECTED BULBS

## CHOICEST HYACINTHS

• SPLENDID ASSORTMENTS, and "HOW TO GROW THEM." •

THE COLLECTIONS offered below have given our customers such universal satisfaction for the past two seasons, we have decided to again offer them this year. They comprise many thousands of picked bulbs from a Holland collector and specialist of this favorite flower and make up an unexcelled variety and a wide range of splendid colors. We expect the coming season to outdo even our former efforts in this direction, having made arrangements with our grower to include in each selection a number of the newer varieties.

Complete Cultural Directions Given Below.

### OFFER A

#### ~ Best Named Hyacinths. ~

For flowering in pots or glasses. Picked bulbs of first size, double and single. Second size bulbs, 1½c. less per bulb. (Mention Offer A in your order.)

Prepaid. Not Prepaid.

6 finest named kinds in	6 different shades.....	\$ .60	\$ .50
12 "	" 12 "	1.05	.90
25 "	" 18 "	2.00	1.75
50 "	" 25 "	4.00	3.50
100 "	" 35 "	7.75	7.00

Each kind will be separate and labeled, all of our selection from our list page 2.

### OFFER B

#### Vaughan's Choicest Mixture.

For flowering in pots or glasses—a mixture from named sorts.

(Mention Offer B in your order.)

Prepaid. Not Prepaid.

6 fine bulbs, double and single in	6 shades.....	\$ .45	\$ .35
12 "	" 10 "	.85	.70
25 "	" 18 "	1.60	1.35
50 "	" 25 "	3.10	2.60
100 "	" 35 "	5.90	5.15

### OFFER C

#### ~ Extra Bedding Mixture. ~

(Mention Offer C in your order.)

Prepaid. Not Prepaid.

6 fine bulbs, double and single in	6 shades.....	\$ .40	\$ .32
12 "	" 10 "	.75	.60
25 "	" 15 "	1.45	1.10
50 "	" 20 "	2.60	2.10
100 "	" 25 "	4.75	4.00
250 "	" 25 "	11.00	9.50

### OFFER D

#### Common Bedding Mixture.

Mention Offer D in your Order

Bulbs of above are not as large as those of the "Extra Bedding Mixture" neither is the assortment of colors as fine—they will however give very fair satisfaction.

Prepaid. Not Prepaid.

6 fine bulbs, and single, in	6 shades.....	\$ .35	\$ .27
12 "	" 10 "	.65	.50
25 "	" 15 "	1.25	.95
50 "	" 20 "	2.40	1.90
100 "	" 25 "	4.50	3.75
250 "	" 25 "	10.75	9.25

#### \* \* \* "JUST HOW TO GROW HYACINTHS." \*

Culture in Pots. The best soil to use is a compost of good fibrous loam with a liberal addition of leaf soil, sharp sand and well decayed cow manure. The whole should be well mixed and left to stand some time before use.

In potting leave the top of the bulb just exposed, and let the soil be moderately moist. The pots should then at once be placed outdoors on a bed of wet ashes and covered with six inches of the same material or, good garden soil and left exposed to the weather. When the bulbs are well rooted and about an inch of the top growth has been made, they may be removed indoors to force, first into a subdued light until the blanched foliage has attained its full green color, and then into the sunniest situation at command. Abundance of air, a moderately moist atmosphere and plenty of water at the roots is then necessary for early, well developed flower spikes. A dry or frosty atmosphere or a draughty situation will cause the flower buds to shrivel. Forcing should only be done gently, the temperature not exceeding 70 degrees.

If finely developed trusses and rich colors are preferred to very early flowers the Hyacinth should not be forced, but be left outdoors longer to develop, and then be removed to a mild temperature like that of a cool greenhouse a sitting room window or frame, always selecting the sunniest and most genial situation.

Culture in Glasses—Pure clear water should be used with a piece or two of charcoal in it to keep the water sweet. The base of the bulb should at all

times just touch the water. Place the glass in a cool dark place to encourage root growth. When the glasses are nearly full of roots admit them to the light gradually, and then to the sunniest place at command till the flower spikes are well developed. Avoid a too dry or frosty atmosphere or a draughty situation, as such conditions will often cause the flower buds to shrivel up.

Culture in Beds and Borders.—For its successful cultivation in the open air, the Hyacinth likes a light, rich soil, which should be dug to a depth of 18 inches previous to planting the bulbs, the addition of sharp sand being recommended if the soil is very heavy. The ground should also be effectually drained. After digging the ground well remove the top soil to a depth of 4 inches, and set the bulbs at equal distances of 6 to 8 inches apart, then cover them with the soil which had been removed and press and level the same with board or plank. From the time of their appearing above ground in spring they require little or no attention, but a slight covering of small litter or straw may be used with advantage in very exposed situations in severe weather.

After Treatment.—When done flowering, cut down the flower and continue watering allowing the leaves to return their nutriment to the bulb. When the leaves have become dry, the plant should be taken up and dried in some sunny place for a week or so, and then stored in dry sand for next season. Bulbs that have flowered in water are only suitable for planting out of doors afterwards.

SELECTED  
NAMED

# DUTCH HYACINTHS

PICKED  
BULBS.

If to go by mail add at the rate of 20 cents per doz. for postage; price on single bulbs include postage.

The Hyacinth has been a popular flower for centuries, and no flower among all those that help to make the garden bright is deserving of greater popularity, all things considered. It has the merit of being beautiful and easy of cultivation—qualities which commend it to the amateur strongly. It blooms early in the season, remains a long time in flower, ranges through so many shades of rich and delicate colors that all tastes can be suited in this direction; they have a delightful fragrance which is sufficient in itself to make it a general favorite. It is without doubt the best of our hardy spring bulbs for general use. Varieties marked thus (\*) are best for growing in water. The single varieties invariably give best satisfaction.



SINGLE DUTCH HYACINTH.



## DOUBLE WHITE.

	Each	Doz.	100
<b>Bouquet Royal</b> , pure, fine spike, late.....	9	\$ .85	\$6.50
<b>La Desse</b> , pure, early.....	11	1.10	7.00
<b>La Tour d'Auvergne</b> , large spike.....	10	1.00	6.75
<b>La Virginite</b> , blush, late.....	9	.85	5.75



## DOUBLE BLUE.

	Each	Doz.	100
<b>Blocksberg</b> , porcelain, medium early.....	9	.85	6.00
Garrick, clear, large spike, medium early.....	11	1.15	8.00
<b>General Antinek</b> , light, forces easy.....	9	.85	6.50
Prince Saxe Weimar, semi-double, late.....	9	.85	6.50
<b>Chas. Dickens</b> , early.....	11	1.10	7.00
Prince Albert, dark, very early.....	11	1.10	7.00



## SINGLE RED AND ROSE.

	Each	Doz.	100
Fiancee Royal, bright red, late.....	9	.85	6.50
* <b>Gertrude</b> , dark rose, medium early.....	10	1.00	7.50
<b>Gigantea</b> , blush, medium early.....	11	1.10	7.50
* <b>Lord Macauley</b> , soft red, late.....	11	1.10	7.50
<b>Marie Cornelie</b> , light rose, early.....	11	1.10	7.50
* <b>Norma</b> , pink, large spike, early.....	11	1.10	7.50
Queen Victoria, Alexandrina, dark red, late.....	10	1.00	6.50
* <b>Robert Steiger</b> , crimson, medium early.....	9	.85	6.50
* <b>Baron von Tuyll</b> , rose, early.....	11	1.10	7.50
Grand Vainquer, rose, very early.....	11	1.10	7.50
Van Hoboken, rose, handsome flower.....	12	1.20	8.50
Roi des Belges, dark red, early.....	12	1.25	9.50



## SINGLE WHITE.

	Each	Doz.	100
* <b>Alba Superbissima</b> , best for Easter.....	12	1.25	8.75
Blanchard, large, pure, early.....	11	1.10	7.50
* <b>Baroness van Tuyll</b> , early.....	9	.85	6.50
Grandeur a Merveille, blush, late.....	9	.85	6.50
Grand Vainquer, pure, early.....	11	1.10	7.00
La Franchise, waxy, white, late.....	9	.85	6.50
* <b>La Grandesse</b> , pure, medium early.....	11	1.10	7.50
<b>Madam Van der Hoop</b> , late.....	11	1.10	7.00
Mont Blanc, pure, large spike, late.....	11	1.10	7.25
<b>Paix de l'Europe</b> , pure, late.....	9	.85	6.50
Queen Victoria, pure, late.....	9	.85	6.00
Voltaire, blush, late.....	9	.85	6.50
Pavillion Blanc, white.....	9	.85	6.50



## SINGLE BLUE.

	Each	Doz.	100
* <b>Baron van Tuyll</b> , bright, good spike.....	9	.85	6.50
Bleu Mourant, dark, medium early.....	9	.85	6.50
<b>Blondin</b> , porcelain, early.....	11	1.10	7.00
Charles Dickens, porcelain, shaded purple.....	9	.85	6.00
<b>Czar Peter</b> , light handsome flower.....	12	1.25	8.50
Grand Maitre, dark porcelain, medium early.....	11	1.10	7.00
King of Blues, dark, medium early.....	11	1.10	7.00
<b>La Peyrouse</b> , porcelain, late.....	9	.85	6.50
<b>Leonidas</b> , bright, early.....	11	1.10	7.00
Marie, dark, large spike, medium early.....	9	.85	6.00
Pieneman, dark porcelain, medium early.....	11	1.10	7.00
<b>Regulus</b> , light, dark striped, early.....	9	.85	6.50
William I, dark velvety, very early.....	9	.85	6.50
Mimosa, clear, large spike.....	11	1.10	7.50
*Queen of Blues, light, fine spike.....	12	1.20	8.00



## SINGLE YELLOW.

	Each	Doz.	100
Alida Jacoba, medium early.....	11	1.10	7.00
<b>Hermann</b> , orange buff, late.....	9	.85	6.00
* <b>Ida</b> , pure, early.....	11	1.10	7.50
<b>King of Yellows</b> , extra, medium early.....	12	1.25	8.50
<b>La Citroniere</b> , lemon, late.....	11	1.10	7.00
<b>La Pluie d'Or</b> , bright, medium early.....	9	.85	6.00
L'Or d'Australie, pure, late.....	11	1.10	7.50
William III, orange buff, late.....	11	1.10	7.50



## DOUBLE RED AND ROSE.

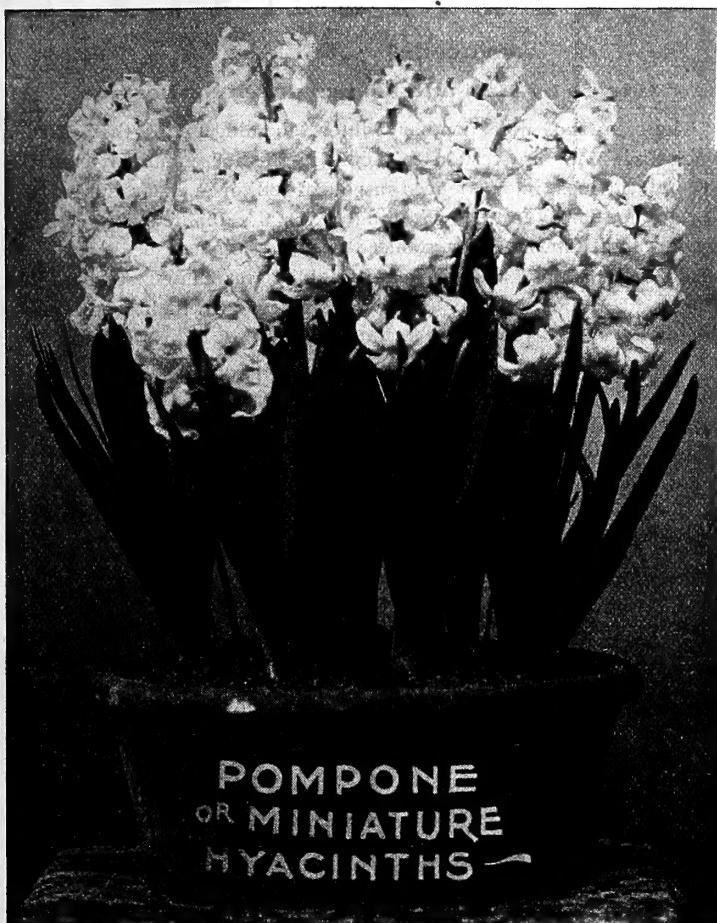
	Each	Doz.	100
<b>Bouquet Royal</b> , pink, fine spike, late.....	9	\$ .85	\$6.50
<b>Bouquet Tendre</b> , carmine.....	8	.80	5.75
Czar Nicholas, rosy blush, late.....	9	.85	6.00
<b>Gladstone</b> , pink, late.....	11	1.10	7.25
Princess Alexandria, dark rose, late.....	8	.80	5.50



## DOUBLE YELLOW.

	Each	Doz.	100
<b>Bouquet d'Orange</b> , good spike, late.....	10	1.00	7.00
<b>Goethe</b> , light, fine spike, medium early.....	9	.85	6.00
William III, orange, late.....	11	1.10	8.00
<b>Sunflower</b> , buff, fine spike.....	11	1.15	8.00

# DUTCH HYACINTHS



POMPONE  
OR MINIATURE  
HYACINTHS

**Vaughan's Fancy Mixture.** We have secured the largest Holland grade quantity of this mixture which is made up from the named grade and recommend the same especially for Pot Growing or Fancy Bedding. These will produce large and well formed spikes and the finest colors.

NOTE LOW PRICES.  
Add 1c. per bulb or 12c. per dozen for postage.

Single White, all shades .....	Each, 7c.; per dozen, 75c.; per 100, \$5.15
" Pure White.....	" 7c. " 75c. " 5.15
" Blue, all shades.....	" 7c. " 75c. " 5.15
" Light Blue.....	" 7c. " 75c. " 5.15
" Red and Rose.....	" 7c. " 75c. " 5.15
" Rose.....	" 7c. " 75c. " 5.15
" Yellow .....	" 7c. " 75c. " 5.15

## POMPONE or Miniature Hyacinths.

See illustration above.

also called "DUTCH ROMANS."

These little Hyacinths are excellent for growing in pots, pans or boxes; they bloom very freely, often producing 3 or 4 spikes. They are equally desirable for culture out-doors; they should be planted closer together than the "Dutch Hyacinths." Culture is the same as recommended for the Roman Hyacinths, and they come into bloom after the Roman Hyacinths are exhausted. The flowers are red, white and blue in various shades. Price, White, Red, Rose and Blue, or all colors mixed.

Each, 5c.; 3 for 13c.; doz., 50c., by mail, 57c. Per 100, by express, \$2.50.

**THE GROWING OF DUTCH HYACINTHS IN WATER** (see illustration opposite) is very attractive. We recommend First Sized Named Bulbs for this purpose. Complete directions as to this mode of culture is given on inside of front cover page, under head of "Just How to Grow Hyacinths."



SINGLE DUTCH HYACINTH  
GROWING IN WATER

French Roman or Christmas

# HYACINTHS

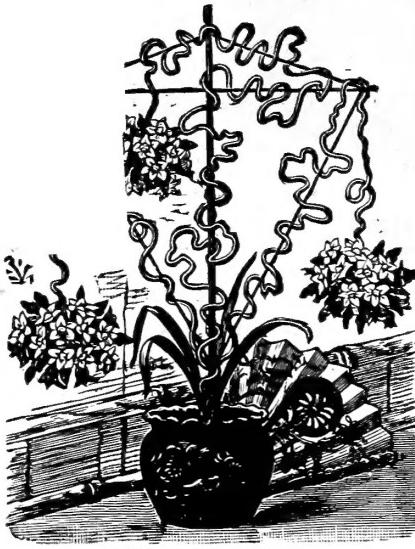
also called "ITALIAN."

If to go by Mail add 8c. per dozen for postage.

There are no more popular winter blooming bulbs than Roman hyacinths. They are certain to bloom in the house and may easily be grown by the most inexperienced in pots of soil, or in water and pebbles. They are not hardy north of Washington, D. C. Planted in September, they flower at Christmas or sooner; a succession can be kept up by setting bulbs at intervals. When the bulbs are planted, set away in a cellar or other cool location until vigorous root growth has been made. Three bulbs can be planted in a 5-inch pot. Most bulbs throw up from 2 to 5 spikes of bloom, which do not all come to perfection at the same time, thus prolonging the flowering season. We import Roman hyacinths in immense quantities from the South of France, which enables us to supply the very best bulbs. The flowers are dainty, graceful and delightfully fragrant.

	Each.	1/4 Doz.	Doz.	Per 100
ingle, Blue .....	5c.	14c.	45c.	\$3.00
" White, first-size bulbs .....	5c.	14c.	45c.	3.00
" White, extra large bulbs .....	6c.	16c.	50c.	3.50
" Yellow .....	7c.	20c.	60c.	4.25
" Light Pink .....	5c.	14c.	45c.	3.00
" Dark Rose .....	5c.	14c.	45c.	3.00

**SPECIAL OFFER.** 1 each of above 5 colors, 25c.; 3 each, (15 bulbs) 70c., postpaid.



TWINING HYACINTH.

## Twining Hyacinth.

A rare and curious bulbous plant suitable for winter blooming and for outdoor culture. It throws up a flower stem which twines like a vine and produces at the end of the same large umbels of pretty rose colored flowers. Each, 10c.; 3 for 25c.; doz., 90c., postpaid.

DON'T FAIL TO SECURE

SOME OF THE NEW

DAFFODILS

ANGELS TEARS.

SEE PAGE 7.

## GRAPE HYACINTH.

Not nearly as well known as it should be. It is perfectly hardy and increases rapidly. The flowers consist of little bells so arranged on the spikes as to resemble a bunch of grapes. It has been called the "Blue Lily of the Valley" and when planted with that popular flower the effect is very pleasing. Is very valuable for winter blooming in pots; five or six bulbs in a 5-inch pot.

Sky Blue, 2 for 5c.; 12 for 17c.

Snow-White, new, very pretty, 3 for 10c.; dozen, 27c.



WE ARE HEADQUARTERS FOR

PALMS

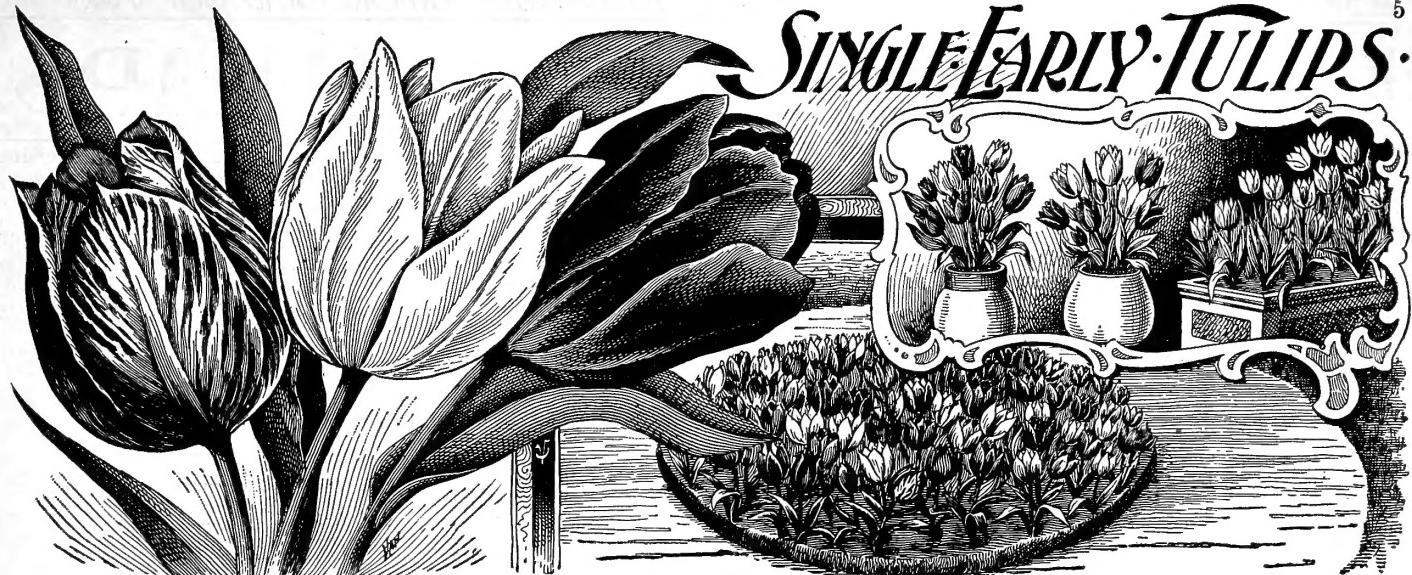
FOR HOUSE DECORATION.

See Back Page.

**SPECIAL OFFER.** We will send three each of the above for 15 cents, postpaid.

# SINGLE EARLY TULIPS.

5



## SINGLE EARLY TULIPS

The Tulip, for its gorgeous colors, its pretty cup-like shape and its early flowering, is one of the oldest Spring favorites; planted in beds or borders, it is unrivaled for brilliant effect. As with most flowers, single varieties succeed better than double when forced; for this purpose they should be planted as early as possible; they need not be buried in ashes or earth like the Hyacinth, but should be kept in a cool, dark place until well started, after which the same treatment applies to both. The number preceding the name of the variety denotes the height in inches, while the letters a and b indicate their earliness of bloom; the a's flower together and are the earliest, the b's flower together but are somewhat later.

*The prices for single bulbs, include postage paid by us; the dozen and 100 rates are by express at purchaser's expense. 25 bulbs at 100 rate. If by mail add at the rate of 5 cents per dozen for postage. We supply 4 of a kind at the dozen rate.*

Inch.	Each Doz.	100	Each Doz.	100
7b <b>Artus</b> , brilliant scarlet, large flower .....	3	\$ 20	\$ 1 00	
7b <b>Belle Alliance</b> , (Waterloo) scarlet, yellow base, choice .....	3	25	1 35	
7b <b>Bizard Verdikt</b> , yellow and red striped.....	3	20	1 10	
8a <b>Canary Bird</b> , fine clear yellow, for forcing or bedding.....	4	30	2 10	
9b <b>Chrysolora</b> , bright yellow, fine cup, for forcing or bedding .....	5	30	1 75	
6b <b>Cottage Maid</b> , white, edged rose, yellow base, very fine..	4	30	2 00	
7a <b>Couleur Cardinal</b> , brilliant crimson, splendid bedder..	3	25	1 60	
8b <b>Couleur Ponceau</b> , rosy red and white.....	3	20	1 00	
7b <b>Crimson King</b> , scarlet, yellow base, extra good bedder .....	3	20	1 00	
9b <b>Duchess of Parma</b> , orange red, bordered yellow.....	3	20	1 25	
5a <b>Duc de Berlin</b> , brilliant clear scarlet, edged yellow, good forcer.....	4	30	2 00	
6b <b>Duc d'Orange</b> , orange and yellow.....	3	20	1 10	
6b <b>Jagt von Delft</b> , white, good bedder.....	3	20	1 10	
9b <b>Keizers Kroon</b> , red and gold, large flower, extra good for both bedding and house culture.....	4	30	1 50	
7b <b>Lac Van Rhijn</b> , violet, bordered white, very distinct.....	3	20	1 10	
9b <b>L'Immaculee</b> , pure white .....	3	20	1 25	
8b <b>President Lincoln</b> , light violet.....	3	25	1 60	

## PARROT TULIPS.

A bed of these when in bloom is a grand sight, paying a hundred fold for all the care bestowed upon them. The flowers are of great size and are remarkably showy with their corrugated and toothed petals. The color is a combination of crimson and golden yellow, streaked and edged with green, resembling the plumage of a Parrot. The rates for single bulbs include postage; price per 100 is by express at buyer's expense. 25 at the 100 rate, by mail, 5c. per doz. for postage.

**Admiral de Constantinople**, red, tipped orange, large flower. Each 3c.;  $\frac{1}{3}$  doz. 10c. doz., 25c.; 100, \$1.60.

**Lutea Major**, bright yellow, large flower. Each, 3c.;  $\frac{1}{3}$  doz., 10c.; doz., 25c.; 100, \$1.60.

**Markgraff**, yellow, striped with scarlet and green. Each, 3c.;  $\frac{1}{3}$  doz., 10c.; doz., 25c.; 100, \$1.60.

**Perfecta**, yellow, striped red. Each. 3c.;  $\frac{1}{3}$  doz., 10c.; doz., 25c.; 100, \$1.60.

**Couleur Cafe**, brown and yellow. Each 3c.;  $\frac{1}{3}$  doz., 10c.; doz., 25c.; 100, \$1.60.

**Cramoisie Brilliant**, deep crimson with large black star-shaped centre, finest of the Parrot varieties. Each, 3c., 1-3 doz., 15c.: doz., 30c.; 100, \$2.25.

**Suprefine Mixed**. Each, 3c.; 1-3 doz., 10c.; doz., 25c.; 100, \$1.50; 250, \$3.00; 1000, \$10.50.

**SPECIAL OFFER:** 12 Parrot Tulips, 2 each of six varieties, postpaid to any address for 25 cents.



PARROT TULIPS.

## Duc Van Thol Tulips.

These are particularly good for forcing and pot culture, blooming very early and of dwarf habit.

	Each Doz.	100
6a <b>Gold Striped</b> .....	3	20
6a <b>Rose</b> .....	3	25
7a <b>Scarlet</b> .....	3	20
6a <b>Vermilion</b> .....	3	20
6a <b>White</b> , true .....	3	30
6a <b>Yellow</b> .....	4	35
7a <b>Crimson</b> .....	3	20
6a <b>Red and Yellow</b> .....	3	20

## Single Early Mixed Tulips.

Our mixtures are made up from large flowering, bright colored varieties of uniform height and which bloom at the same time.

**Fine Mixed**, for bedding, per doz., 15c.; 100, 90c.; 250 for \$2.00; 1000, \$6.50.

**Extra Fine Mixed**, partly from named sorts, per doz., 20c.; 100, \$1.10; 250 for \$2.50; 1000, \$8.00.

## • Vaughan's • Separate Color Mixtures.

The following are selected from varieties of same height and which bloom at the same period, especially recommended for bedding.

SINGLE.	Doz. 100. 1000.
White shades mixed .....	
Yellow " " " .....	
Striped " " " .....	
Red " " " .....	
Pink " " " .....	

Doz. 100. 1000.

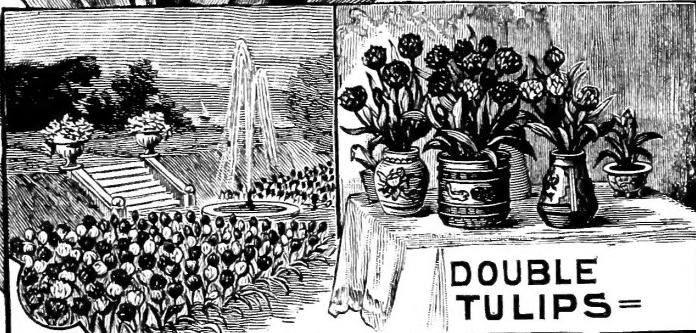
.25 \$1.25 \$9.00

# DOUBLE EARLY

# TULIPS.

Double Tulips have massive flowers of brilliant and beautifully diversified colors, and are very effective in beds on lawns, terraces, etc. Planted in groups of five or more, they are very attractive. The varieties marked "early" are valuable for bedding with the early single Tulips as they flower about the same time, and carry on the succession to the "late" Double Tulips. By a judicious selection, therefore, a display of brilliant colors may be maintained in the garden for a long period. In beds or large masses, Rex Rubrorum, scarlet, assorted with La Candeour, white, produces an unrivalled effect in the spring flower garden. Double Tulips are also very good for pot culture. Treatment same as for Dutch Hyacinths. See inside cover page.

If wanted  
by mail add  
5c. per doz.  
for postage.



Inch.		Each. Doz. 100
6	<b>Admiral Kingsbergen</b> , red and yellow, "late".....	4 .30 \$1 50
6	<b>Blanc Borde Pourpre</b> , purple, white edge, "late".....	3 25 1 40
10	<b>Crown of Gold</b> , large flower, rich golden yellow, shaded orange, very double.....	6 60 4 00
9	<b>Crown of Roses</b> , bright pink, "early"...	7 75 5 00
6	<b>Duc Van Thol</b> , red and yellow.....	3 25 1 25
6	" " " scarlet.....	3 25 1 35
10	<b>Duke of York</b> , carmine, edged white.....	4 30 1 50
8	<b>Gloria Solis</b> , brown and gold, "early".....	4 30 1 50
8	<b>Imperator Rubrorum</b> , bright scarlet, a brilliant color, "early".....	4 40 2 50
8	<b>La Candeour</b> , best double white for bedding	4 25 1 40
7	<b>La Citadelle</b> , red, yellow bordered, large.	4 30 1 75
5	<b>Lady Grandison</b> , carmine, large flower.	4 30 1 75
6	<b>Le Blason</b> , white tinged rose.....	5 45 2 80
6	<b>Murillo</b> , light rose.....	4 40 2 60
5	<b>Paeony Gold</b> , red and gold, "late".....	4 30 1 75
9	<b>Paeony Red</b> , red.....	4 30 1 40
8	<b>Purpur Kroon</b> , dark red.....	3 20 1 50
9	<b>Rex Rubrorum</b> , dark red.....	4 40 2 35
9	<b>Rosine</b> , semi-double, white and rose.....	4 40 2 35
8	<b>Rose Blanche</b> , extra large, white.....	4 30 1 50
9	<b>Salvator Rosa</b> , white and deep rose, splendid forcer.....	6 60 4 00
8	<b>Tournesol</b> , red and yellow, "early".....	4 30 2 10
8	" yellow, "early".....	6 60 4 00
6	<b>Yellow Rose</b> , "late".....	4 25 1 40

WE SUPPLY 25 at the 100 rate

of any one kind, so it will pay you  
to club with your neighbors, com-  
bining their orders with yours.

## DOUBLE MIXED TULIPS.

**Double Early Varieties**, fine mixture for bedding... 20 \$1 00 \$7 50

Doz. 100 100

extra fine mixture..... 25 1 10 8 50

extra fine mixed..... 25 1 35 10 50

## SINGLE LATE TULIPS.

These Tulips produce very large flowers, marked and variegated in the most singular manner. As their season of bloom follows the early sorts, they are valuable to keep up a continuous display and extend the season.

**BIZARRES**. Yellow ground, feathered crimson, purple or white. 3 for 10c.; per doz., 25c.; per 100, \$1.35; per 1000, \$9.00.

**BVBLOOMS**. Tall and brilliantly variegated; white ground, flaked lilac purple or black. 3 for 10c.; doz., 25c.; per 100, \$1.60; per 1000, \$11.00.

**ROSES**, white ground, shaded rose, tall, very showy; bloom in May. Fine mixture, 3 for 10c.; per doz., 30c.; per 100, \$1.75; per 1000, \$11.50.

**Single Late Tulips**, all the above named varieties and many more in splendid mixture, 4 for 10c.; per doz., 25c.; per 100, \$1.25; per 1000, \$8.00.

## VARIOUS ODD TULIPS.

**Florentine**, fine yellow with a delicious violet like fragrance. Each, 5c.; per doz., 50c.

**Greigi**, the grandest of all Tulips. Brilliant orange, scarlet with yellow and black center, foliage spotted maroon. Each, 15c.; 3 for 40c.

**Oculus Solis**, crimson, with black center. Each, 5c.; per doz., 45c.

## NEW "DARWIN" TULIPS.

These splendid May-flowering Tulips are the grandest bedding Tulips in cultivation, growing 20 to 24 inches high, with strong stiff stems. All possible colors will be found in the mixture, many of which appear in no other Tulips. They vary from rose to deep red, light blue to deep violet purple, and from delicate brown to BLACK. In our estimation the Darwin possess the highest present value of any class of bulbs for the garden, flowering when no other flowers can be seen.

**DARWIN TULIPS**, Fine Bulbs, Mixed, price, 3 for 15c.; 6 for 25c.; 12 for 40c., postpaid. 25 for 60c.; 100 for \$2.00, not prepaid.

## TULIP GESNERIANA.

We consider this the finest of Tulips for outdoor culture. This variety differs from other kinds in being much taller and later blooming, coming into full flower about decoration day, produces extremely large flowers of a brilliant scarlet color with blue center which remain in bloom a long time. Don't fail to plant a bed of these, you will be well pleased with them. Price, 3 for 10c.; doz., 30c.; per 100, \$2.00, per 1000, \$15.00.



GESNERIANA TULIPS.

## PLANT CROCUS BULBS

promiscuously on your lawn—they  
will make a beautiful sight in early  
Spring. . . . .

# NARCISSUS or DAFFODILS.

**PERFECTLY HARDY--DELICIOUSLY FRAGRANT.**

**DAFFODILS** are the most graceful and beautiful of all hardy Spring flowers. They succeed equally well indoors or in the open ground, and furnish an abundance of decorative material for the table, as the flowers, when cut in bud state, develop their full beauty more perfectly than if allowed to bloom on the plants. The bulbs require similar treatment to the Hyacinth (see inside cover page), both as regards culture and after treatment.

Our list is made up of the finest and most distinct varieties, and such as will give excellent results with ordinary culture.

Single Bulbs and lots of 3 are sent free by mail. If desired by mail add at the rate of 10 cents per dozen for postage.

We supply 6 Bulbs of any one kind at the dozen rate.

## SINGLE TRUMPET DAFFODILS.

	Each.	1/4 Doz.	Doz.
<b>GOLDEN SPUR</b> , extra large, rich yellow flower, devoid of green midrib. A famous English sort and one of the best. It is a very strong grower, and unsurpassed either for pot or garden culture.....	10	25	\$0 75
<b>Emperor</b> , a magnificent sort. The entire flower is yellow; trumpet of immense size and petals very broad; foliage flat and massive.....	20	50	1 75

	Each.	1/4 Doz.	Doz.
<b>Empress</b> , a fitting companion to the above. Perianth snow white, bold and erect, trumpet rich yellow. The best one of the two colored sections.....	20	50	1 75

	Each.	1/4 Doz.	Doz.
<b>WHITE "HOOP" PETTICOAT</b> (C. Monophylla), snowy white flowers of exquisite beauty, can be bloomed for Christmas if potted in September.....	5	14	50

	Each.	1/4 Doz.	Doz.
<b>Large Sulphur Hoop Petticoat</b> (C. Citrina), very beautiful pale citron, early flowering.....	6	15	55

	Each.	1/4 Doz.	Doz.
<b>Obvalaris</b> (Tenby Daffodil), very early, medium size, yellow, one of the best for forcing.....	6	15	55

	Each.	1/4 Doz.	Doz.
<b>Principis</b> , trumpet large, deep yellow.....	5	12	30

	Each.	1/4 Doz.	Doz.
<b>Henry Irving</b> , broad yellow spreading perianth, large yellow trumpet, very handsome.....	10	25	70

	Each.	1/4 Doz.	Doz.
<b>Trumpet Minor</b> , a dwarf variety with small yellow flowers.....	4	10	35

	Each.	1/4 Doz.	Doz.
<b>Trumpet Major</b> , flower almost uniform deep yellow, valuable as an early forcing sort, per 100, \$2.00;	5	12	30

	Each.	1/4 Doz.	Doz.
<b>Trumpet Maximus</b> , rich golden yellow perianth and trumpet, one of the best.....	9	25	75



NARCISSUS BICOLOR HORSFIELDI.

**HORSFIELDI.** The grandest Daffodil in cultivation, flowers of great size, perianth pure white, trumpet beautiful deep yellow. Very early bloomer. Each, 10c.; 1/4 doz., 25c.; doz., 75c.



NARCISSUS POETICUS.

Perfectly hardy, blooms year after year. Price, doz., 20c.

	Each.	1/4 Doz.	Doz.
<b>Biflorus</b> , creamy white with yellow cup richly perfumed, two flowers on a stem.....	3	8	\$0 25
<b>Cynosure</b> , large handsome flowers; perianth primrose, changing to white, cup yellow, stained orange. Much used for forcing.....	5	12	30
<b>Incomparable</b> , yellow perianth orange cup, large flower, varying in shades and forms but all attractive and fragrant. Early blooming.....	5	12	30
<b>Incomparable "Stella,"</b> new variety of Incomparable with white perianth divided into six long petals, cup a light primrose yellow.....	5	12	30
<b>Poeticus</b> (Pheasant's Eye), one of the most fragrant of the Daffodils; petals dazzling white. Six or eight bulbs grown in a 6 inch pot make a beautiful show when in bloom and last a long time. Per 100, \$1.60.....	4	10	25
<b>Single Daffodils</b> , mixed. Per 100, \$1.50.....	3	8	25

## "ANGEL'S TEARS" or Cyclamen Flowered Daffodil.

### THE GRANDEST NARCISSUS NOVELTY OF THE YEAR.

An exquisitely beautiful little flower appropriately called the "ANGEL'S TEARS" DAFFODIL, flowers white, variable in size, perianth elegantly reflexed. See illustration opposite. Each, 10c.; 3 for 25c.; per 100, \$5.50 postpaid.

## SWEET SCENTED Jonquils.

Jonquils are prized for their graceful sweet-scented flowers in or out of doors. For indoor decorations three or six bulbs should be grown in a 4 or 5 inch pot, and cultivated the same as the Hyacinth in all respects.

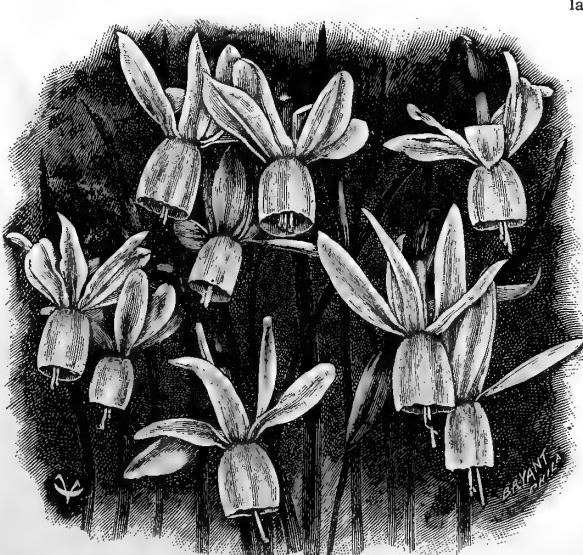
**Rugulosus**, rich yellow, broad imbricated perianth and straight wrinkled cup. A most charming variety; valuable for bedding. Each, 5c.; 3 for 10c.; doz., 35c.

**Campanellæ**, large, single, light yellow, fragrant, each, 3c.; 1/4 doz., 8c.; doz., 30c.; per 100, \$1.75.

**Single**, sweet-scented, yellow, each, 2c.; 1/4 doz., 7c.; doz., 20c.; per 100, \$1.35.

**Double**, rich golden yellow, large and full, each, 6c.; 1/4 doz., 16c.; doz., 55c.; per 100, \$4.25.

**SPECIAL OFFER:** 3 each of above 3 sorts for 35c., postpaid.



NARCISSUS "ANGEL'S TEARS" OR CYCLAMEN FLOWERED.



FOR  
CHRISTMAS  
FLOWERS  
GROW  
THE GIANT  
PAPER  
WHITE  
NARCISSUS.  
THEY ARE  
SUPERB

CHINESE SACRED LILY.

### GIANT GOLDEN SACRED LILY,

(Or Jonquil *Rugulosus*.)

As easily grown as the Chinese Sacred Lily and a most beautiful companion to that well-known and popular plant. Color is of the handsomest glowing yellow, and the fragrance is even superior to that of the Chinese variety. Each, 5c.; 3 for 10c.; Doz., 35c.



TRUMPET NARCISSUS.

### DOUBLE SACRED LILY, Or Roman Narcissus.

Also grown in same manner as the "Chinese Sacred Lily," produces abundantly of double flowers. White, shaded beautiful yellow, fragrant and lasting. Can be easily brought into bloom for Christmas. Each, 5c.; dozen, 50c.

## POLYANTHUS NARCISSUS.

If to go by mail add at the rate of 20 cents per dozen for postage.

These varieties all bloom very early, the flowers are borne in bunches or clusters on a single stem, and are exceedingly fragrant, may be grown in bowls or glasses under the same treatment as for the Chinese Sacred Lily. The Polyantha varieties are also quite valuable for growing in pots—succeeding with every one under most ordinary circumstances.

### THE GIANT PAPER WHITE NARCISSUS.

This is a new strain, producing much larger flowers, and blooming somewhat earlier than the old variety. It is a desirable sort for house culture, a vigorous grower, and may be brought into bloom in a bowl of water in the same manner as the ever popular Chinese or Sacred Lily. The Paper White Narcissus flowers are fully as fragrant and produced in greater abundance than those of the Chinese Lily, but the spikes are not so numerous. Each, 5c.; 6 for 25c.; doz., 40c., postpaid. Per 100, \$2.00.

**DOUBLE ROMAN**, one of the best for Winter blooming. It is like other Polyanthus but the flowers are double. The color is white with a delicate yellow center, and the flowers are very fragrant. It is early and sure to bloom, each, 5c.; doz., 50c.

**Grand Monarque**, large white flowers, lemon yellow cup.....

Each. Doz

5

45

**Grand Soleil d'Or**, yellow with deep orange cup.....

4

40

**Gloriosa**, white with deep orange cup.....

5

45

**Grand Primo**, white.....

5

45

**PAPER WHITE**, pure white, blooms by Christmas.....

per 100, \$1.60; 3

30

**Staten General**, white with pale yellow cup.....

4

40

**Polyanthus Narcissus**, in finest mixture.....

per 100, \$1.75; 3

25

## Chinese Sacred Lily Or Jos Flower.

This is a species of the Polyanthus Narcissus annually imported from Northern China, and prized for the abundance of flowers. Produces very large bulbs, measuring from 12 to 18 inches in circumference, which throw up from 5 to 10 flower spikes, bearing clusters of large, perfect waxy white blossoms with yellow center of a most delicious fragrance. They grow well in pots in a light and sandy soil, but the most successful way of cultivating is as the Chinese do—in water. Flowers freely and can be planted at any time from October until March. It seldom fails, even with the most careless cultivators and, taken all in all, the bulb is like the nation from which it comes, a remarkable one.

**Price, Large Selected Bulbs.** Each, 12c., 3 for 30c.; doz., \$1.15. If to go by mail, add 3c. per bulb or 35c. per dozen for postage.

Beware of Japanese and Bermuda Grown Bulbs of these, offered at Low Prices—they are very inferior to the Genuine Chinese grown. And seldom bloom well. + + + + +

### MAMMOTH BULBS. • • •

We have secured again this year a limited number of these very large bulbs, which until recently were not permitted to be exported, but were sent to Pekin for the use of the richer classes—we advise early orders to secure them. If sold out of Mammoth Bulbs we shall send selected bulbs for the amount of remittance unless specified otherwise by our customers.

**Price**, 20c. each; 3 for 55c.; doz., \$2.00. If to go by mail, add 5c. per bulb for postage.

## DOUBLE DAFFODILS. ↗

If to go by mail add at the rate of 10 cents per doz. for postage.

All listed under this heading are entirely hardy and most useful for pot culture.

**Alba Plena Odorata**, the double Poeticus fragrant snow white gardenia-like flowers. Per 100, \$1.25; per doz., 22c.; each, 3c.

**Incomparable** ("BUTTER AND EGGS"), pale yellow and orange, large fragrant flower, early bloomer. Per 100, \$1.25; each, 3c.; per doz., 25c.

**Orange Phoenix** ("EGGS AND BACON"), orange and straw. Good for pot culture and invaluable for cutting. Per 100, \$3.00; each, 4c.; per doz., 40c.

**Silver (Sulphur) Phoenix**, very large flowers, pale creamy white, shading to primrose, each, 17c.; doz., \$1.75.

**Von Sion**.—The grand old-fashioned double yellow Daffodil. Very hardy outside and blooms freely in pots in the house. Everybody should plant this one, sure to bloom anywhere and everywhere. Per 100, \$2.00; each, 3c.; per doz., 30c.

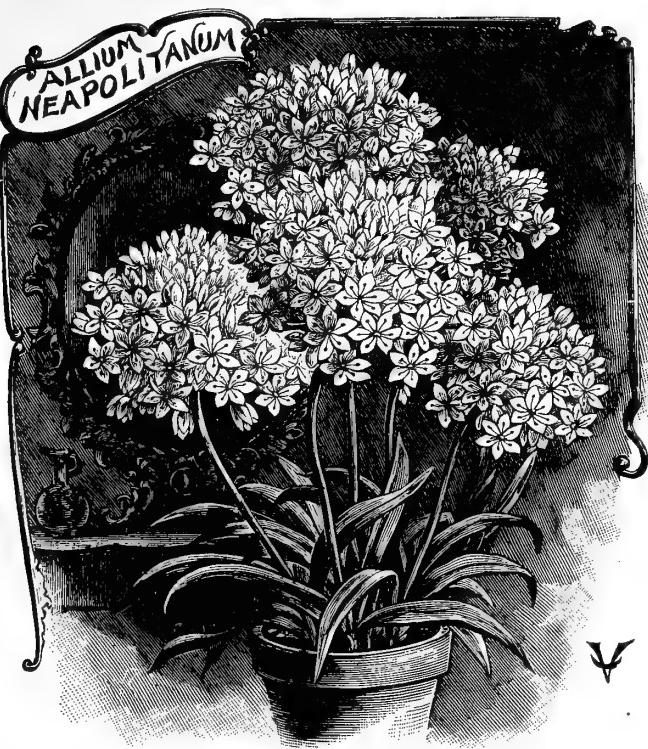
**Double Daffodils**, mixed, 3 for 6c.; doz., 20c.; per 100, \$1.35.

"ANGELS TEARS" OR CYCLAMEN FLOWERED DAFFODILS. THE GRANDEST NARCISSUS NOVELTY OF THE YEAR. SEE PAGE 7.



GIANT PAPER WHITE NARCISSUS.

**SPECIAL OFFER:** One each of the above 8 sorts for 35c.; 3 each for \$1.00, postpaid.



### —→ ANEMONES. ←—

Very beautiful flowers, the single varieties being most brilliant. They are not quite hardy; planted from October to November they will bloom in the early spring but need covering with litter during winter for protection. Can also be had in bloom in April in the house by having a few pots in a cool room. Prices include postage.

Each. Doz.

<b>The Bride</b> , single, pure white, extra fine.....	2	20
<b>Fulgens</b> , single, Brilliant scarlet, choice.....	4	40
<b>Double Anemones</b> , mixed, rich colors, 3 for 6c.;	20	
<b>Single Anemones</b> , mixed, many shades and varieties.....	3 for 5c.;	15

**ANOMATHECA**, see Scarlet Freesia.

### ARUM SANCTUM,

OR BLACK CALLA LILY OF THE HOLY LAND.

Produces flowers of immense size, often measuring 15 inches in length and of a velvety purplish black. We have secured a large stock direct from Palestine, and offer them at prices which will enable all to secure this grand variety.

**Mammoth Bulbs**.....

Each, 20c.; 3 for 50c.

**Medium Size Bulbs**.....

Each, 15c.; 3 for 40c.

**Ordinary Size Bulbs**.....

Each, 10c.; 3 for 25c.

THE NEW "FRAGRANT" WHITE CALLA SHOULD BE GROWN BY EVERY FLOWER LOVER. IT IS THE BEST "WHITE CALLA" UP TO DATE. + + + + +

SEE INSIDE BACK COVER PAGE FOR DESCRIPTION AND PRICE.

At less than  
Wholesale Prices.

### SURPLUS BULBS

Delivered in November and December.

When placing our orders with the growers of such bulbs as we import, it is almost an impossibility to estimate definitely the probable quantities we will dispose of, hence, before the close of the season we find our stocks of some varieties exhausted, usually, however, we have a surplus of almost everything. To quickly dispose of such after our busy season is over, we will make the surplus stock into generous collections, worth at regular rates two or three times the price now charged. These assortments will not be sent until November and after, but orders will be received now, booked, and filed in rotation.

**Surplus Bulb Collection M**, for indoor culture, 50c., postpaid.

**Surplus Bulb Collection N**, for outdoor planting, 50c., postpaid.

**Surplus Bulb Collection O**, for indoor and outdoor planting combined. This collection contains such a liberal quantity that it is sent by freight or express at purchaser's expense. Price, \$2.00.

# Miscellaneous BULBS.

GENERAL LIST.

**BULB CULTURE.**—It would be impossible in the small space of a catalogue page to give adequate instructions on growing bulbous plants; we therefore publish a complete little book entitled **Flower Bulbs and their Culture**. This we supply entirely free with any order for bulbs amounting to \$2.00 if requested at the time of ordering, otherwise we send it for 25 cents, postpaid. Very valuable hints on all varieties in general cultivation are given.

All Bulbs are sent by mail postpaid, unless noted.



### ALLIUM.

**NEAPOLITANUM.**—It is not hardy, but for pot culture has few equals. Five or six bulbs put into a 5-inch pot in September will reward the cultivator in December or January with immense heads of white flowers which last several weeks. These flowers are free from the disagreeable odor peculiar to other Alliums, unsurpassed for bouquets. Large Bulbs, each, 3c.; 2 for 5c.; doz., 15c.; per 100, \$1.00.

A bed of *Lilium Auratum*, Old Banded Lily of Japan, planted in the fall will make a grand show the following spring. See page 14.



ARUM SANCTUM, OR BLACK CALLA.

### AMARYLLIS.

**Johnsonii**—(Spice Lily.) Undoubtedly one of the grandest bulbs for pot culture. The immense trumpet-shaped flowers which measure from six to eight inches across are borne on strong, fleshy flower spikes, and are of rich deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color.

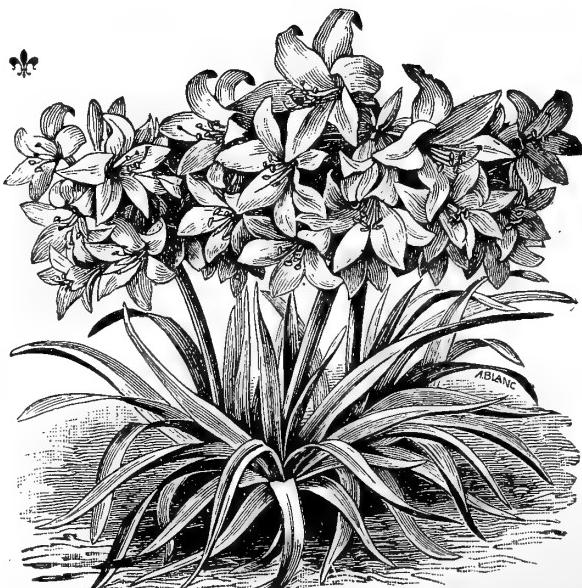
We have imported this year from the Bermuda Islands a large stock of choice large bulbs which are sure to bloom and give genuine satisfaction. Large bulbs, each, 40c.; 3 for \$1.10.

**Belladonna Major**. (Belladonna Lily.)—This is an Autumn blooming variety of great beauty and fragrance; color delicate white, flushed and tipped with rose. The spikes bear from six to 10 flowers. Each, 30c.; extra large bulbs, 50c., postpaid.

**Equestris**.—(Barbadoes Lily.) Broad petal of a soft salmon scarlet color, marked in the center with white bars which radiate from the white throat. Each, 20c.; 3 for 50c.

**Formosissima**.—(Jacobæan Lily.) Beautiful trumpet-shaped flowers of a rich, dark scarlet; forces well and can be grown in water like Hyacinths. Each, 15c.; 3 for 35c.

"WHITE DOVE" THE NEW LARGE FLOWERING AMARYLLIS. See inside back cover page.



AMARYLLIS BELLADONNA MAJOR.



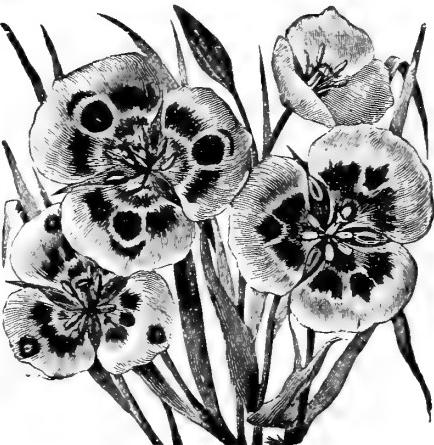
BRODIAEA COCCINEA.

## Calochortus.

Mariposa BUTTERFLY Tulips.

A remarkably brilliant class of California bulbs with flowers in the richest combination of colors and markings, well deserving the name Butterfly Tulip. Not suitable for outdoor planting except in the South and Pacific Coast, but for winter blooming in the house they give great pleasure. Four or six bulbs are recommended for use in a five inch pot or box of suitable size. They are very easily grown, cared for in the same manner as Hyacinths in pots. When in bloom they are very showy and last a long time.

**Mixed Calochortus.**—Many beautiful sorts. 2 for 5c.; dozen, 25c.



CALOCHORTUS.

## The White \* Calla Lily.

Everybody's Favorite.

This plant is almost an evergreen in Southern California, where it flowers everywhere in gardens and hedges in great profusion. We have thousands of bulbs grown for us there, healthy, and perfect in every way. This is the well known *Lily of the Nile* with large white flowers and strong broad leaves. It is a plant particularly valuable for parlor culture, as it will prosper under the moistening treatment. Furnace heated air and stove gas do not injure it, nor is the plant susceptible to insect depredations. Let the plant rest during the summer, by turning the pot on its side and start it again in September by repotting in fresh soil. Splendid bulbs.

Each. 3 for

First Size.....	15 .....	40	Post paid.
Select Size.....	25 .....	60	

Mammoth size 40 " \$1.00

First Size, 12 for \$1.35; Select, 12 for \$2.00

" " 50 " 4.50; " 50 " 7.00

by express.



VAUGHAN'S CALIFORNIA GROWN CALLA BULBS.

## Brodiaeas.

Bulbs from California having Lily-like flowers in umbels or clusters borne on slender but stout stems from one to two feet high. They are useful for winter blooming in pots, five or six in a five inch pot, or the dry bulbs can be kept over, planted out in spring and they will bloom freely in June or July. Prices include postage.

### THE FLORAL FIRE CRACKER.

(B. Coccinea.)

Those who admire unique and rare flowers will find them in this striking novelty. It is the most distinct of the Brodiaea family, specially adapted for a house plant. Flowers rich crimson with pea-green tip. Be sure to include this with your order. Each 6c.; 3 for 15c.

**Volvulus.**—(TWINING HYACINTH) Old variety with delicate, rose colored flowers. When in bud the stem twines like a vine, often attaining a height of several feet before the flowers unfold. Each, 10c.; 3 for 25c.; dozen, \$1.00, postpaid.

**Mixed Brodiaeas.**—Containing above and many other sorts in great variety of colors, 3 for 7c.; dozen, 20c.



CROWN IMPERIALS.

### CHIONODOXA LUCILLAE.

(GLORY OF THE SNOW.)

We find these bulbs are becoming very popular, and deservedly so, for their lovely blue and white flowers, produced in long sprays, are seen in the garden among the earliest spring flowers—sometimes even before the snow has disappeared. The bulbs are perfectly hardy and make a fine display when planted in masses outdoors. For window culture they are fully as charming as Freesias. They bloom very early, commonly by Christmas. Selected bulbs. Each, 3c.; dozen, 20c.; per 100, \$1.15, postpaid.

### • • CROWN IMPERIALS. • •

An old time garden favorite. Once planted it will grow and increase from year to year. Plant as early as possible and about five inches deep.

### Crown Imperials.

Mixed. Each, 15c.; 3 for 30c.; dozen, \$1.15, postpaid.



GLORY  
OF THE SNOW



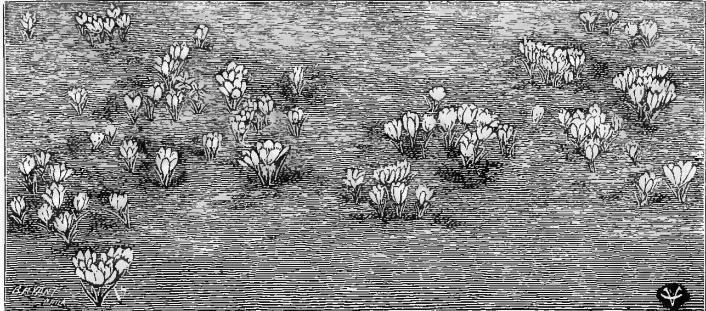
CYCLAMEN GIGANTEUM

## BLEEDING HEART.

(*Dielytra Spectabilis*.)

One of the hardiest and most elegant of Spring flowering plants with long, drooping sprays of heart-shaped pink and white flowers. Imported heavy roots, ready in October. By express, each, 15c.; doz., \$1.50.

If by mail add 5c. each for postage.



LARGE FLOWERING CROCUS GROWING ON A LAWN.

<b>White</b> .....	Doz.	100
<b>Striped and Variegated</b> .....	11	45
<b>Blue</b> .....	11	45

• Crocus bulbs should be planted as soon as received. Try them on the lawn where they bloom before the grass can be cut. •

## FREESIAS.

These are among the most popular bulbs for Winter blooming in the conservatory or window garden. The bulbs seem small in comparison with the foliage and flower spikes; the flowers are delightfully fragrant and after being cut and placed in water remain in good condition a long time. Four to six bulbs may be planted in a four inch pot. Growth commences at once so they need not be set away to form roots like the Hyacinths. By planting early and at intervals a succession of bloom can be had from Christmas on.

### NEW LARGE FLOWERING "THE BRIDE."

Or Morris White.

A California seedling with large pure white, substantial flowers of delightful fragrance. Very free blooming. Each, 5c.; doz., 50c.; 100, \$3.50, postpaid.

**Refracta Alba**.—select bulbs, pure white with small yellow blotch on lower petal, remarkably fragrant and very lasting. Each, 3c.; 5 for 10c.; 12 for 20c.; 100, \$1.50, postpaid.

**Refracta Alba**.—Medium size bulbs. Each, 2c.; 3 for 5c.; doz., 15c.; Per 100, \$1.25, postpaid.

### REFRACTA ALBA, Mammoth Bulbs. Supply Limited.

These are very fine bulbs and will produce much larger and more flowers than the ordinary size. Each season we are only able to secure a small supply of same, and orders should be sent in early to secure them. Each, 7c.; doz., 75c.; 100, \$5.00, postpaid.

### SCARLET FREESIA. (*Anomathaea Cruenta*)

Admirably adapted to pot culture, does not bloom so early as the Freesias, but resembles them in bulb, foliage and habit; the flowers bright scarlet with deep blotches. Each, 5c.; 3 for 12c.; doz., 45c.

**Leichtlini Major**.—True yellow, sweet-scented. 2 for 5c.; doz., 15c.

## CYCLAMEN.

This well known free blooming plant is only adapted for house culture in our climate, but for winter flowering it has few superiors. Plant in September or October in 5 inch pot, using rich, light soil, and water sparingly until it begins vigorous growth, after which it may be treated like other house plants. Will give more flowers with less trouble than almost any other bulb we list.

Dry Bulbs of the Giant Flowered type, mixed, each, 20c.; 3 for 50c.; 6 for 95c., postpaid.

## CROCUS.

The hardest and earliest of all Spring flowers, sending up its bright little flowers before the snow has fairly disappeared. They should be planted about 2½ inches deep and covered slightly during severe weather. Planted in clusters or borders, they are quite showy and increase from year to year. They will flower easily in the house, in moss, water or earth with the same treatment as for Hyacinths. (See inside cover page.)

Prices on dozen include postage. If desired by mail add at the rate of 15 cents per 100 for postage.

### Named Large Flowering Crocus. These are Mammoth Flowering Bulbs,

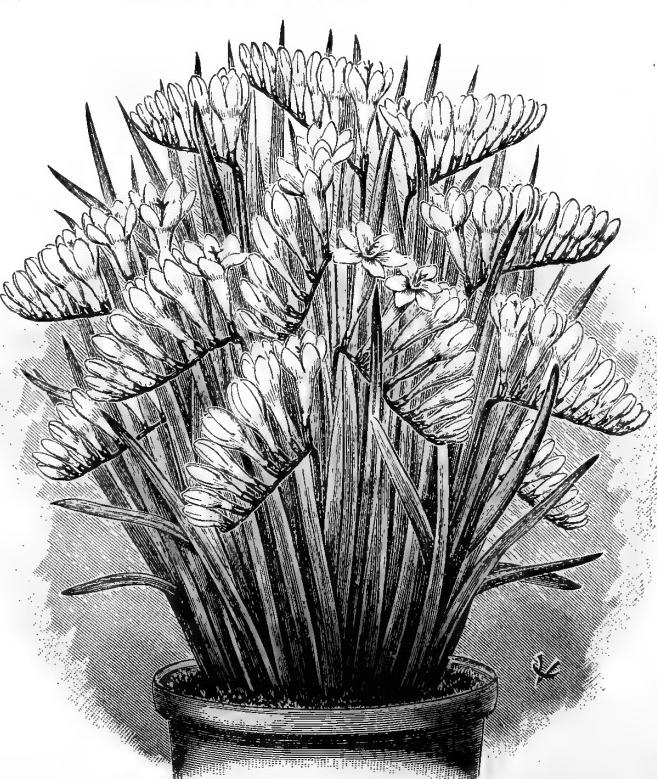
	Doz.	100	Doz.	100
<b>Albion</b> , fine striped, large.....	15	\$ 75	<b>La Majestueuse</b> , violet mixed .....	15 \$ .75
<b>Non Plus Ultra</b> , blue, white edge .....	15	75	<b>Cloth of Gold</b> , yellow .....	15 .75
<b>Mont Blanc</b> , pure white .....	15	75	<b>Cloth of Silver</b> , light blue striped .....	15 .75
<b>Queen Victoria</b> , pure white .....	15	75	<b>Large Flowering Mixed</b> , .....	15 .75

## CROCUS. Mammoth Yellow....

We have imported from Holland expressly for our retail trade a quantity of Mammoth Yellow Crocus. The bulbs are extra large and will come into flower very early. With the usual cultivation flowers of enormous size and in great profusion will result. A clump of these mammoth Crocus when in bloom make an attractive sight. Each, 4c.; doz., 35c.; 100, \$2.00, postpaid.

### MIXED CROCUS.

	Doz.	100	Doz.	100
<b>Large Yellow</b> .....	11	45	11	45
<b>All Colors in Splendid Mixture</b> , 1000, by express, \$3.50. 10 Dozen prices postpaid. If wanted by mail add 15c. per 100, for postage.			10	40



Early Ordering is advantageous to you.

FREESIAS



LILY  
OF  
THE  
VALLEY

# LILY OF THE VALLEY.

**FRAGRANT AND LASTING.**

READY FOR DELIVERY IN NOVEMBER.

A bed of LILY OF THE VALLEY once planted flourishes with little attention, and gives a wealth of bloom every Spring.

For Forcing and Making Plantations out of Doors. So universally known as to require no description. For out door planting Clumps should be ordered. For winter blooming in the house choose Pips.

**COMPLETE CULTURAL DIRECTIONS FREE FOR THE ASKING.**

**Large German flowering Pips,** 6 for 20c.; doz., 35c., postpaid. By express at buyers' expense, per 100, \$1.50; by mail, \$1.75.

**Large Clumps** for out door planting, each, 30c.; per doz., \$3.00, by express. If wanted by mail add 10c. each for postage.

## DOUBLE RANUNCULUS.

Curiously formed, tooth-shaped bulbs which produce flowers of handsome form and beautiful colors. Must be well protected to endure our Northern winters, but when in bloom they will repay the slight labor incurred. They are dwarf in habit and come in various shades and colors. Put 5 to 6 bulbs, *claws down*, in a 5 inch pot culture as for Hyacinth.

**French.**—Large double flowers; rich colors.

**Persian.**—Very showy; double rose-shaped flowers.

**Turban.**—Hardier than the French variety; Peony shaped.

Any of above 3 for 10c.; doz., 20c., 100, \$1.00, postpaid.

## TROPAEOLUM TRICOLOR.

This is a tuberous rooted Winter blooming Nasturtium for pot culture, which is one of the most charming window vines one can possess during winter. Each, 15c.; 3 for 40c. by mail, postpaid.

## TRITELEIA.

(*Uniflora*.)

The bulbs are very small, each producing several pure white flowers which are lined with blue and slightly fragrant. Perfectly hardy. 4 for 10c.; doz., 20c.

**DON'T FAIL TO ORDER EARLY.**



**GIANT SNOWDROPS!**

See Page 16.



## Scilla Siberica.

The Siberian Scilla, Squill, has flowers of a lovely ultramarine blue color, borne in graceful spikes; in the house it blooms early like the Roman Hyacinth and forms a beautiful contrast with them. In the open ground they are quite hardy and are specially fine planted in small beds or with Snowdrops, and like them, frequently blooming before the snow has gone. Each, 2c.; 6 for 10c.; per dozen, 15c.; per doz., \$1.00, postpaid.

## SNOWDROPS.

Galanthus  
*Nivalis.*

Among the earliest spring flowers, bell-shaped, pure white with a small green dot on the top of each petal. Hardy. Plant in clumps and leave undisturbed for several years. By planting Snowdrops and Crocus together a pretty effect is produced, or Scilla Siberica with Chionodoxa and Snowdrops arranged in a bed makes a pleasing combination. Prices include postage.

**SINGLE**, per dozen, 10c.; per 100, 90c.

**DOUBLE**, per dozen, 26c.; per 100, \$1.85.

**GIANT SNOWDROPS.**—Three times as large as the single Snowdrops; flowers slightly fragrant, borne on large stems and valuable for cut flowers. They do well in the house, blooming freely at the Christmas holidays. 6 for 10c.; doz., 18c.; 100, \$1.25.

## SPARAXIS.

Bulbs from the Cape of Good Hope having flowers of the loveliest hue and remarkable shadings. Not hardy but do exceedingly well grown in the house under similar treatment to Freesias or Iris. 4 for 10c.; per dozen, 20c.

## SPRING SNOWFLAKE.

(*Leucojum Vernum.*)  
Ready for delivery in November.

If to go by mail add 10c. per clump.

**Astilboidea Floribunda**, produces large, pure white plumes and is unquestionably the best of the Spiraeas. Price, each, 20c.; per doz., \$2.00.

**Japonica.**—It is perfectly hardy though extensively used by florists for forcing, for which purpose the clump should be potted in the Autumn, kept from frost, put away from heat until growth begins, then give water and warmth. Each, 10c.; per dozen, \$1.00.

**Compacta Multiflora.**—An indispensable sort for furnishing cut flowers and far in advance of the old Japonica. Strong clumps. each, 15c.; per dozen, \$1.50.

## IRIS.

(*FLEUR DE LIS.*)

These grand old-fashioned flowers are now very popular. They are surprisingly beautiful and for cut flowers are invaluable. An almost continuous succession of bloom may be kept in planting the following bulbous varieties.

**SPANISH IRIS.**—The earliest bloomer of all the Iris, and particularly recommended for culture in pots or in open ground as they are perfectly hardy. For pot culture use 5 or 6 bulbs to a 5 inch pot. Mixed varieties in many colors, 4 for 10c.; per doz., 5c.; per 100, \$1.00; postpaid.

**ENGLISH IRIS.**—None the less attractive than the Spanish Iris, blue, lilac and purple shades prevail. The bulbs are hardy and are suitable for pot culture. Mixed varieties in many colors, 3 for 10c.; per doz., 25c.; per 100, \$1.50; by mail, \$1.80. For Japan Iris, see page 20.

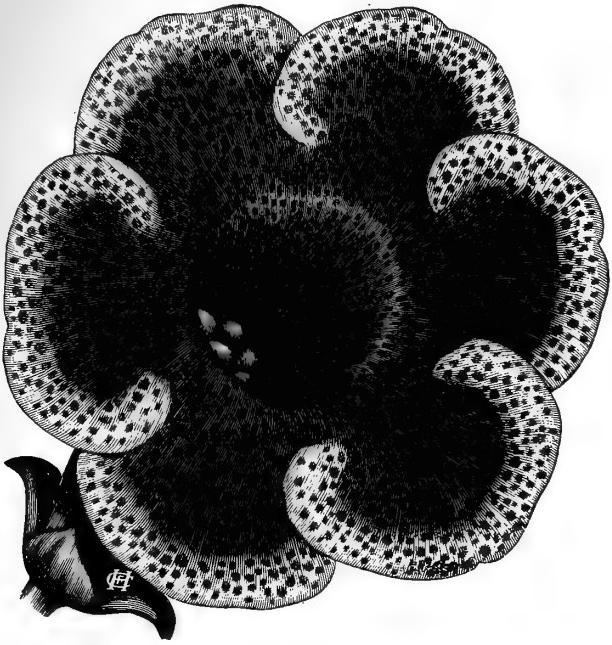
## OUR BOOK

"FLOWER BULBS"

Free with each order for \$2.00 and upwards, ask for it.



ENGLISH IRIS.



# =GLOXINIAS=

One of the choicest bulbs for pot culture; flowers trumpet shaped, with the most beautiful tints and markings, shaded violet, rose, blue or crimson. Plant in a light soil of leaf-mold, sand and good loam; keep in a temperature of 60 to 80 degrees, and give an occasional watering with liquid manure during the growing period. Give plenty of light, but do not expose to the direct rays of the sun. Fine bulbs (ready by the end of October.)

Each, 15c.; 3 for 40c.; dozen, \$1.50, postpaid.

## Gladiolus For Winter Blooming.

The varieties named below are invaluable for forcing in pots for winter bloom. They are of very dwarf habit and three bulbs can be grown in a six-inch pot. The spikes of bloom are good, and the colors are soft and delicate. Bulbs ready in November. Cultivate same as Hyacinths.

**The Bride.** (COLVILLI ALBA.)—A light graceful variety having pure white flowers which are freely borne on long stems. It is coming more into favor as its good qualities become better known. Equally good for blooming in the open air. Each, 3c.; dozen, 20c.; per 100, \$1.25, postpaid.

**Colvilli Rubra.**—Red, each, 3c.; dozen, 30c., postpaid.

## IXIAS

These are much admired for their brilliant colors and graceful flower stalks, which resemble a miniature Gladioli. By reason of their curious forms and strange markings they attract attention, and wherever known they become universal favorites. For pot culture the treatment is the same as recommended for other bulbs. Set 6 in a 5 inch pot. They should be well protected if set outside.

**Extra Mixed,** each, 3c.; 4 for 10c.; 12 for 20c.; per 100, \$1.00, postpaid.

## BERMUDA BUTTERCUP OXALIS

FOR WINTER BLOOMING IN POTS OR HANGING BASKETS.

For continuous flowering through the winter, these Oxalis have no equals. As many as fifty flower spikes have been produced by a single well-grown plant and as many as 1000 flowers in a season. The flowers are of the purest bright yellow. The cultivation is the easiest possible, every one is sure to succeed with it. Directions for planting go with the bulbs. Price, each, 3c.; 4 for 10c.; dozen, 25c.; by mail prepaid.

### OXALIS.

Most of these Oxalis flower from October until Christmas, and later. They are very pretty, of easy culture, requiring only a good, somewhat peaty soil, with considerable light; under which treatment they will succeed well. Put 4 or 5 in a 4 inch pot. Charming for window boxes or hanging baskets. The following prices include postage.

Alba, white  $\frac{1}{4}$  doz., 10c.; dozen, 30c.; per 100, \$1.75.

**Bermuda Buttercup**, each, 4c.; 3 for 10c.; dozen, 35c.

Cernua Lutea, single yellow,  $\frac{1}{4}$  doz., 10c.; dozen, 30c.; per 100, \$1.75.

New Double Yellow, a most beautiful flower,  $\frac{1}{4}$  doz., 15c.; dozen, 50c.; per 100, \$3.75.

Hirta Rosea, pink,  $\frac{1}{4}$  doz., 10c.; dozen, 30c.; per 100, \$1.75.

Versicolor, red, violet, white,  $\frac{1}{4}$  doz., 10c.; dozen, 30c.; per 100, \$1.75.

Bowii, rosy red yellowish base,  $\frac{1}{4}$  doz., 10c.; dozen, 30c.; per 100, \$1.75.

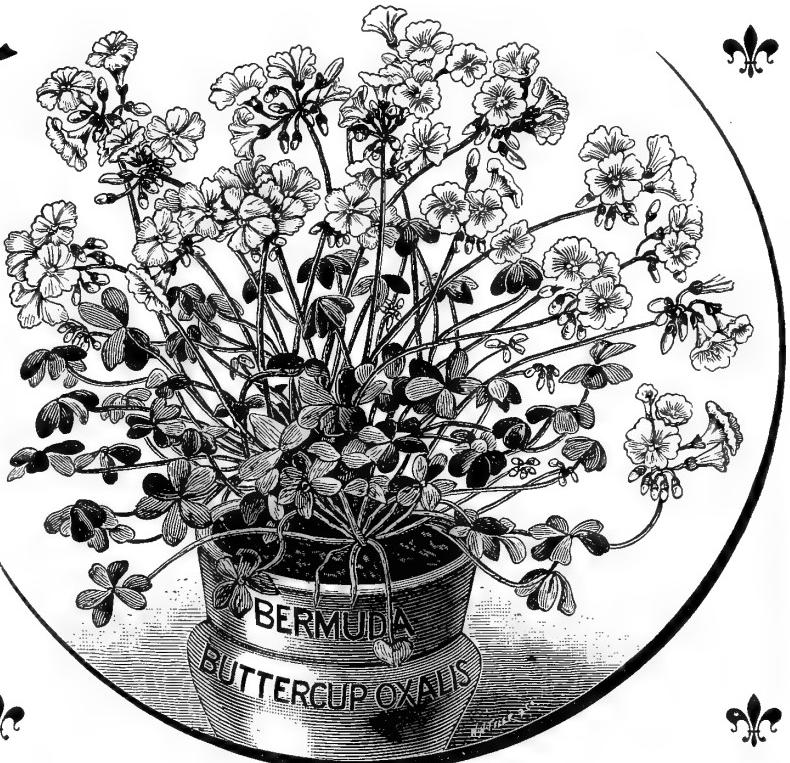
Dappei, (Tetraphylla, or 4 leaved,) deep reddish purple violet, a strong grower, flowering well,  $\frac{1}{4}$  doz., 10c.; dozen, 30c.; 100, \$1.55.

Oxalis, mixed, many varieties,  $\frac{1}{4}$  doz., 5c.; dozen, 18c.; 100, \$1.25.

Ornithogalum Umbellatum.

Pure white, perfectly hardy. Each 4c.; 3 for 10c.; 12 for 30c., postpaid.

<b>CRIMSON</b>
<b>•RAMBLER•</b>
Positively the finest hardy
<b>CLIMBING ROSE</b>
...IN EXISTENCE...
PLANT THE COMING FALL.
See Page 19.



## ORNITHOGALUM ARABICUM, (STAR OF BETHLEHEM.)

This is one of the most striking flowers. As an Easter Decoration it is superb. Its immense spike of pure white flowers is simply grand. Bulb is large and solid closely resembling that of a Hyacinth, and requiring exactly the same culture. Flower spikes 18 to 24 inches high, strong and graceful, bearing an immense cluster of large, pearly white flowers, having a jet black center. The individual flowers keep perfect a long time before fading, so that for more than a month this grand spike of bloom is in full glory. It will grow in any position in any window. Plant in a 4 inch pot, or several in a large pot or box. For open ground culture they are also magnificent, and are hardy with a slight protection. Each, 8c.; 3 for 20c.; dozen, 55c., postpaid.



ORNITHOGALUM ARABICUM.



BERMUDA EASTER LILY.

## Selection of HARDY LILIES.

Lily Bulbs are ready about Oct. 15, with exception of Harrisii, Candidum and Longiflorum which are ready now.

{ A BED OF HARDY LILIES PLANTED IN THE FALL WILL MAKE A GRAND SHOW THE FOLLOWING SPRING. }

### AURATUM. GOLD BANDED LILY OF JAPAN. THE QUEEN OF LILIES.....

Immense white flowers, each petal marked with a wide gold band spotted with maroon, very free blooming. It is considered by many the finest of them all. Fine Bulbs, 7 to 9 inches, each, 15c.; doz., \$1.50; extra large Bulbs, each, 25c.; doz., \$2.50. Mammoth Bulbs, each, 35c.; doz., \$3.50.

If wanted by mail add 2 cents each for postage.

**Canadense.**—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell shaped yellow and red flowers. Each, 10c.; doz., \$1.00.

**Superbum.**—The finest of the native Lilies. Flowers bright orange red, thickly spotted with purple. Remarkable for immense height (often 8 feet,) and profusion of bloom; a strong plant, bearing 20 to 30 flowers. Each, 10c.; doz., \$1.00.

**Tenuifolium.** (Siberian Lily).—A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring. It is very easy of cultivation, requiring only a well drained, sandy soil. Each, 25c.; doz., \$2.50.

**Tigrinum.** (Single Tiger Lily).—Very hardy native Lily; orange red, spotted with purple black. Is very pretty and bears 8 to 20 flowers when well established. Each, 10c.; doz., \$1.00.

**Tigrinum Flore Pleno.** (Double Tiger Lily).—Each, 12c.; doz., \$1.25.

### SPECIOSUM SORTS. Hardy Japan Lilies....

As a whole, the most desirable section of all Lilies for general cultivation. The varieties are distinct graceful, beautiful and free blooming. They are hardy, needing little protection, will grow and flower without special treatment.

**Album**—Pure white and very fragrant. Each, 25c.; doz., \$2.50, by mail add 2c. each for postage.

**Rubrum.**—White ground, with band and spots of rose or crimson on each petal. One of the best and handsomest Lilies. Each, 15c.; doz., \$1.50, by mail add 2 cents each for postage.

**EXTRA LARGE BULBS,** each, 25c.; 3 for 60c.; doz., \$2.50, by mail add 2 cents each for postage.

**WALLACE'S NOTES ON LILIES.**—An interesting and valuable book on Lilies, indispensable to bulb growers. Illustrated. Cloth, (215 pages) \$2.00.

# True Bermuda Easter Lily.



(*Lilium Harrisii.*)

This mammoth white Trumpet Lily, with flowers 4 to 5 inches long, is the best of all Lilies for winter forcing and flowering because its grand, trumpet shaped flowers which give forth a delicious perfume, are wonderfully beautiful and expressive. As a pot plant it is tall and stately; the spike is thickly studded with bloom, which are lovely as cut flowers, and keep a long time in water. For blooming at Christmas it is best to order bulbs as soon as you receive this Catalogue. We are having these bulbs grown for us in Bermuda on special contract, our imports this season amounting to nearly half a million bulbs, and we are happy to say that a better lot of bulbs we have never offered. Our customers will readily see the advantage we have over others who do not buy as largely as we do; the immense quantity we handle enable us to pick out the finest bulbs for our retail trade and to offer them at lowest prices.

**PRICES:** First Sized Bulbs, which should produce from 5 to 8 flowers. Each, 15c.; 3 for 35c.; doz., \$1.25, postpaid. By express, doz., \$1.00; 100, \$6.00.

**Extra Sized Bulbs,** which should produce from 8 to 15 flowers. Each, 20c.; 3 for 50c.; doz., \$1.85 postpaid. By express, doz., \$1.50; 25 for \$2.75; 100, \$10.00.

**Mammoth Bulbs,** which should produce up to 20 flowers on a stalk. Each, 35c.; 3 for 90c.; doz., \$3.50, postpaid. By express, each, 30c.; doz., \$3.00.

### LILUM CANDIDUM.

The old fashioned pure white Garden Lily, also known as Easter Lily and Annunciation Lily. One of the hardiest. Flowers snow white, with heavy yellow stamens and sweetest fragrance. Bears from 3 to 20 blossoms. This variety must be planted in the early autumn to succeed well, as it makes its leaf growth at once after planting, and prepares itself for early blooming. The prices are lower than for many years, and bulbs very fine. Customers will do well to plant a bed of 25 or more for a permanent border.

Price, picked imported bulbs, each, 13c.; doz., \$1.35, postpaid. By express, 25 for \$1.50; 50 for \$2.75; 100 for \$4.50.

**Mammoth Bulbs,** extra heavy. Each, 25c.; 3 for 60c., postpaid. By express, each, 20c.; 3 for 50c., doz., \$1.50; per 100, \$8.00.

### LILUM LONGIFLORUM.

A variety bearing in clusters beautiful snow white trumpet shaped flowers of rare fragrance; almost exactly like *Lilium Harrisii* in shape, but blooms later, extending the season of that beautiful kind. Each, 15c.; 3 for 40c.; doz., \$1.25, postpaid. Mammoth Bulbs, each, 35c., postpaid.

**SPECIAL OFFER:** One each extra size bulb, *Harrisii* and *Mammoth Candidum* for 40c.; 3 each for \$1.15, postpaid.



LILUM CANDIDUM.



LILUM AURATUM.

SEE INSIDE COVER BACK PAGE FOR DESCRIPTION OF  
"NEW PARISIAN" LILUM CANDIDUM.



SCILLA CLUSII.

## Scilla Clusii, or Cuban Lily.

This is a large bulb which produces an enormous head of dark blue, star-shaped flowers, sometimes two feet in circumference, and as the flowers open gradually, their season of bloom lasts for a long time. Not hardy, but valuable for pot culture. It is a noble plant indeed, which should be grown extensively, as it surely will when it becomes fully known.

Each, 12c.; 4 for 40c.; per doz., \$1.10, postpaid.

HARDY LILIES  
SUCH AS AURATUM, RUBRUM  
ALBUM, Etc.  
GIVE BEST SATISFACTION WHEN  
PLANTED IN FALL.  
TRY A BED OF THEM.  
Please see Page 14.

# TUBEROSES.

Planted in pots and given a warm place in the house from October to January these bulbs will bloom during the Winter. The flowers grow on stems 18 inches high, each stem bearing a dozen or more flowers. They are pure white, wax-like, double and very fragrant. The growing plant is fond of light and heat and should be given the sunniest place possible. The Pearl variety being dwarf is best suited for pot culture.

**Mammoth Bulbs.**—Especially selected for our retail trade; by mail, each, 7c.; 3 for 20c.; per doz., 60c.; by express at purchaser's expense, each, 5c.; 3 for 15c.; doz., 50c.; 100, \$3.00.

**First Size Bulbs.**—By mail, 3 for 12c.; doz., 40c.; by express, 3 for 10c.; doz., 35c.; 100, \$2.00.

## STAR COLLECTION OF FLOWERING BULBS.

Containing 25 Choice First Size Bulbs as Mentioned below for only 50 cents, postpaid.

**2 Freesias, Giant-Flowered**, white.

**2 Oxalis, Bermuda Buttercup.**

**1 Giant Golden Sacred Lily.**

**1 Daffodil "Angels Tears."** The grand new novelty.

**1 Single Large-Flowering Dutch Hyacinth**, Red,

**1 " " " " " White.**

**1 " " " " " Blue.**

**3 Ornithogalum Umbellatum**, also called Star of Bethlehem.

**3 Iris, Spanish**, assorted colors.

**3 Oxalis, Large-Flowering**, assorted colors.

**2 Ixias**, assorted colors.

**3 Tulips, Large-Flowering**, single assorted colors.

**2 Jonquils, Sweet-Scented Giant-Flowered.**

## THE NEW "MARVIN CRYSTAL" CURRANT.

This new hybrid seedling originated by D. S. Marvin, of Watertown, N. Y. has been in our possession for some four years. The plant is a very strong grower forming almost a tree shaped habit with slight trimming. It is exceedingly prolific, bearing fully two to one against the well-known Cherry Currant. The berries contain only one-half as many seeds as other varieties of Currant. In flavor it is moderately sweet and free from the sharp sourness of many red varieties. So far the plants have been entirely free from insect ravages.

Messrs. Albertson & Hobbs, Bridgeport, Ind., write: "In appearance it is very clear and we think one of the prettiest White Currants we have ever seen. Berry of good size and bunch fully up to average."

T. V. Munson & Son, Denison, Texas, write: "It is prolific, of good clusters and berries. The beauty of the translucent, pearly fruit is remarkable, and the flavor is pure and good. Where currants flourish, this variety should become very popular."

Jos. H. Black, Son & Co., Hightstown, N. J. "We are more than pleased with it and like the appearance of it very much. The pure transparency and few seeds make it pretty. The size is good for a White Currant, and in fact is equal to the best of the Reds. The clusters are of fair size and very compact, and we think, taking it all in all, it is a very desirable currant."

Fruitland Nurseries, P. J. Berckmans, Prop., Augusta, Ga. "It is of very large size, with large bunches. In this respect this new currant is more attractive than the older white sorts. This is a very handsome, mild currant, of large size, and we see no reason why it should not prove a valuable acquisition to our small fruits, providing it is prolific. If the specimens sent are fair samples, it is certainly a beautiful fruit."

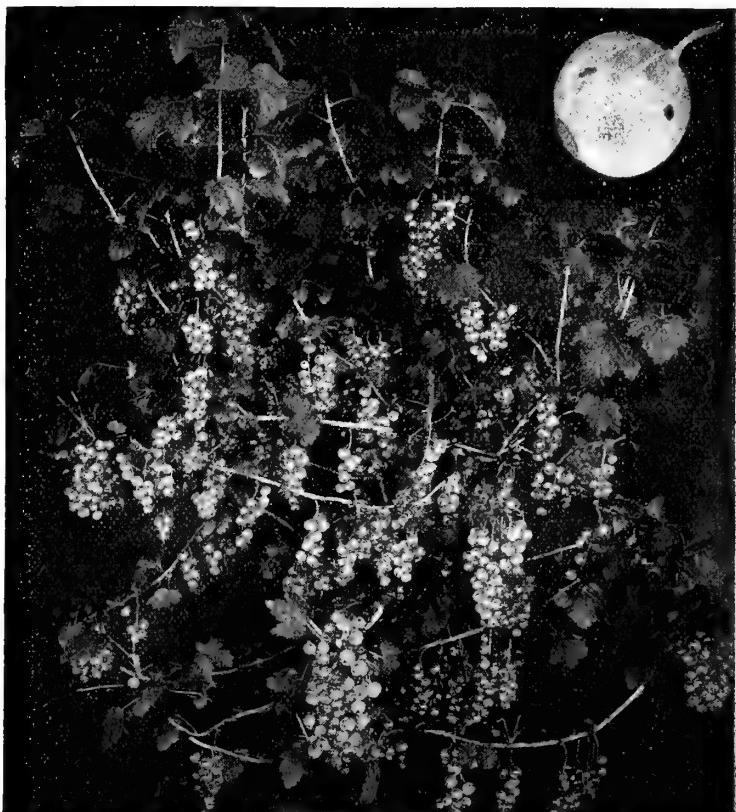
A. Blanc & Co., Philadelphia, Pa. "We have received your sample of New White Currant, which certainly seems to be extraordinarily prolific. The fruit is certainly of large size and excellent quality. It ought to prove a popular variety."

Lee's Summit Star Nurseries, M. Butterfield, Prop., Lee's Summit, Mo. "We are in receipt of the box of Currants. The specimens were in fine shape, and excel any that we have ever seen. We would like to try them on our soil, and will want some of the plants as soon as they are offered."

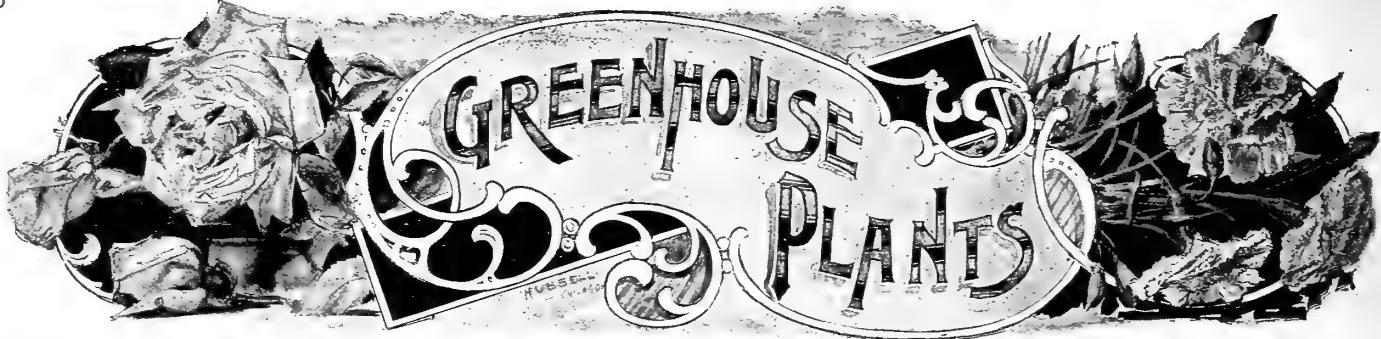
The F. S. Phoenix Nursery, Bloomington, Ill. "Sample White Currant received, and indicates that you have a choice variety. Large berries, long bunches and freely produced; quality first-class; quite similar to White Grape."

Wm. S. Little & Co., Rochester, N. Y. "The sample of Currants came to hand this morning, and though they were in not very good condition after their long journey, we made up our minds that they were a very good thing. The clusters of fruit are of unusual length, and the berries of good size."

Each.	Doz.	100	
50	\$5 00	\$30 00	
1-year-old plants, strong.....	35	3 50	20 00



THE "MARVIN CRYSTAL" CURRANT.  
Photographed from nature with single berry of natural size.

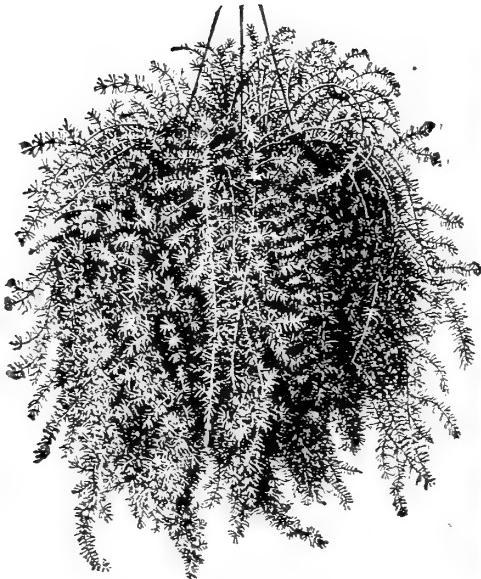


It may occasionally happen when bulbs and plants are named on same order that bulbs will be sent immediately and plants a day or two later, direct from our greenhouses, Western Springs, Ill., fifteen miles from Chicago, therefore please do not become impatient if such be the case.

## Flowering Plants for Winter.

We offer a condensed list of the best bloomers, all sure to do well in any ordinary living room. These plants are especially grown for our Fall catalogue trade, are well matured and can be depended on for handsome and effective foliage and flowers. Nothing so brightens the house during the long winter days. The flowering window garden is then doubly attractive. . . . .

All plants here quoted will be supplied direct from our GREENHOUSES at Western Springs, Ill. Unless otherwise stated, all plants are forwarded by mail postpaid. Stock which is unmarketable, and plants ordered by express, go at buyer's expense. Express rates on plants are reduced 20 per cent.



ASPARAGUS SPRENGERI.

### Abutilon Savitsi.

Very rare and scarce; a novelty of sterling merit; will please the most fastidious. A great improvement on *Souw. de Bonn*. The variegation is very much whiter, the white predominating—more than half of the leaf being white, and, in some cases, a great many leaves being almost pure white. The white is also very clear and pure, and not a yellowish green. It is a very compact grower, and one of the most beautiful variegated plants ever sent out.

Each 20c.; 3 for 50c. postpaid.

### Aspidistra Lurida Variegata.

One of the very best plants for house decoration, thriving splendidly in the dry air of the sitting-room and never attacked by insect foes. Handsomely variegated leaves, beautifully splashed and striped creamy white. We have grown a large stock and offer at half the usual price. This plant may also be grown in an aquarium.

Price, for this season, each, 40c.

### INDIAN AZALEAS.

Very popular shrubs chiefly grown for decorative purposes and for cut-flowers. The colors range from pure white to deepest crimson and are produced in great abundance. Imported plants ready in November, each, \$1.00 and \$1.50. Must be sent by express, too large to mail. Prices for specimen plants will be given on application.

### Bougainvillea Glabra var. Sanderiana.

During the past season this beautiful new Bougainvillea has secured honors in England and on the Continent wherever exhibited. It is of the easiest culture, producing its magnificent rosy-crimson bracts and yellow blossoms in the smallest pots under all conditions in the greatest abundance. Each 25c.



ABUTILON SAVITSI.

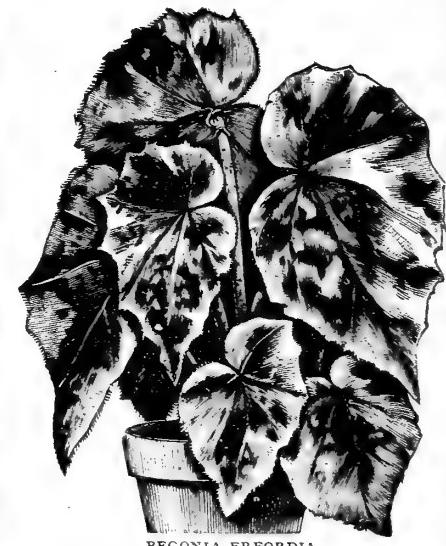
### ORNAMENTAL ASPARAGUS.

**Asparagus Sprengeri.**—Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere it makes an excellent house plant. The plant is a vigorous grower, producing sprays 4 to 5 feet long of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays; remaining perfect for weeks after cutting. Strong plants, 20c.; 3 for 50c.

**Asparagus Plumosus Nanus.**—A beautiful climbing plant with bright green, gracefully arched foliage surpassing Maiden Hair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches in length and taper to a point from a width of 12 inches. One of the most beautiful decorative plants. Each, 20c.

**Asparagus Tenuissimus.**—A climbing Asparagus remarkable for the delicacy of its foliage. Trained over windows or white curtains the effect is beautiful. Lasts a long time after being cut without wilting or changing color. Each, 20c.

**SPECIAL.** One each of the above Asparaguses for 50c. postpaid



BEGONIA ERFORDIA.

Because of their easy culture, handsome foliage and lovely flowers, Begonias are very popular. We grow many varieties but only a few are winter bloomers. The three grand Begonias named below include upright, drooping and fancy leaved sorts, and if you have no other window plants the coming winter than these, you still will have a collection to be proud of. Do not over-water but occasionally spray the underside of the leaves, and keep the dust from the surface.

### NEW BEGONIA ERFORDIA.

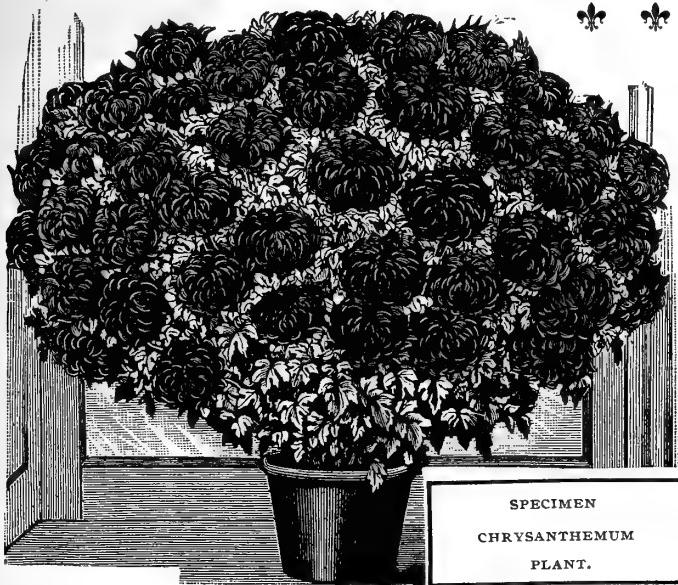
One of the most prolific bloomers in the Begonia family; it is continually covered with clusters of its rosy salmon flowers. An excellent variety for outdoor bedding, growing and blooming in our hot sun equal to the best bedding Geraniums, being a mass of bloom the whole season, and if lifted and potted before frost, will continue to flower all winter. A grand acquisition to this class. Price, each, 15c.; 2 for 25c.

**Thurstoni.** A beautiful, stately plant, with remarkably handsome foliage. The under side of the leaves is a rich, purplish red, the veinings are very prominent, while the face, or upper side, is a bronzy green, with a peculiar glossy luster all over it. Flowers rosy white, in large clusters. Each 15c.

**Manicata Aurea.**—Its heavy, waxy leaves are boldly blotched and marbled with a rich, golden cream, with a clear pink etching in the mature leaves. Easily raised and strong grower. Each 20c.

**Louise Closson.**—One of the richest and most beautiful of the Rex family, with large and very handsome foliage. The coloring is simply magnificent, center of leaf deep bronze, with broad band of silvery rose, edged with bronze and spotted rose. Each, 20c.; 3 for 50c., postpaid.

**Special Offer.** One each of above 4 Begonias for 60c., postpaid.



## GERANIUMS FOR WINTER BLOOMING.

Succeed well during Winter and are of still more value when Winter is past for Summer bedding.

**GERANIUM, MARS.**—New. A superb bedding and pot Geranium. It is of dwarf and compact habit and a profuse bloomer, producing a quantity of flowers completely hiding the leaves, which are of deep green, with dark bronze zone in each. The immense single flowers are of deep salmon-red at the center, changing to white on the edge, and form compact flower heads. 20c.; 3 for 50c.

**Mad. Geuvellot.**—The best semi-double pink; excellent for Winter and early flowering in pots. Color dense salmon-pink. Trusses very large, from 5 to 6 inches in diameter and held well above the foliage on strong stems. An exceptional profuse bloomer, being literally covered with flowers the whole season. Habit semi-dwarf and compact. 15c.; 2 for 25c.

**PERE CROZY** —A magnificent hybrid, new and distinct. It is a cross between the Ivy-leaved and Zonales, having the firmness and shape of the Ivy-leaved sorts and the freedom of bloom of the Zonales. The flowers are a rich vermillion red shaded with orange. 10c.

**Camille Bernardin.**—Single; very large trusses, free-flowering habit; rosy peach, veined with bright rose; streaked and marbled with pure white. 10c.

**Pres. Victor Dubois.**—Immense trusses of extra large, semi-double flowers; long, stout stalks; bright magenta-rose. 15c.

**Mrs. Parker.**—Grand and distinct because of its beautifully marked foliage which is of deep green, with broad, pure, snow-white band. Most free-flowering of all its classes. Flowers double, of an exquisite shade of deep, rosy pink. 20c.

**Pres. Leon Picas.**—A dwarf, vigorous growing, double variety, an abundant bloomer; color very bright ruby red spotted, shaded dark violet. 15c.

**"GRAND WINTER GERANIUM SET"** consisting of one each of the above 7 varieties for only 85 cents, postpaid.

### UMBRELLA PLANT CYPERUS ALTERNIFOLIUS.

As decorative as a Palm; thrives excellent in soil or water. Hardy, useful and beautiful window house plant for all seasons. 15c.; extra size, 30c.

**GIANT CYCLAMEN.** Flowers extra large size, on short, stout stems, foliage handsome. No better plant for pot culture, the secret of growing them lies in giving them a cool, light airy place. Plump glossy bulbs, well started into growth from pots, 25c.

**CARNATION PINKS.** Admirable for Winter flowers in the house. The flowers are fragrant and continue for a long time. The collection named below embraces six of the meritorious varieties and a full range of colors.

**MINNIE COOK**, variegated; **JUBILEE**, scarlet; **TIDAL WAVE**, carmine pink; **LIZZIE McGOWAN**, white; **DAYBREAK**, delicate pink; **VICTOR**, rose pink. Each, 15c.

**"SPECIAL COLLECTION."**—The above 6 for 75 cents, postpaid.

### OTAHEITE, The Dwarf Orange Tree.

A most interesting semi-tropic fruiting plant for the northern Winter window garden. They will bloom and fruit when the plants are surprisingly small. The flowers carry the delicious true orange flower odor. Each, 20c. Extra large size, each, 50c., by express

**GRASS SEED SOWN IN SEPTEMBER AND OCTOBER MAKES A BETTER LAWN THAN SEEDS SOWN IN SPRING—SEE BACK PAGE.**

# 'INDIAN SUMMER' CHRYSANTHEMUM COLLECTION.

Successful flowering of these splendid, showy Autumn favorites depends very much on the careful growing of the young plants. These which we offer are a part of and grown under the same careful handling as our own EXHIBITION PLANTS, and may be depended on to give the best possible results. The varieties themselves are of the newest and best, covering the full range of rich colors which this flower produces.

**OUR PLANTS HAVE WON OVER 50 FIRST PRIZES.**

**Mrs. Perrin.**—The splendid new pink. It has slender, stiff stems and ornamental foliage. Color rose pink within, glistening pink without. The flower is of globular form, incurved, full, and with a finish as fine as satin.

**Mrs. Jerome Jones.**—A grand type of flower. Very large, cream white, sometimes showing a tinge of pink. The flower is high, rounded and full, with rich foliage and stiff stems.

**Major Bonnaffon.**—Soft, clear, incurving yellow; full in the center; six or seven inches in diameter and nearly as deep; habit dwarf, remains long in perfect flower.

**Enfant des Deux Mondes.**—("Child of Two Worlds") A creamy white, hairy or "Ostrich Plume" variety, fine shape.

**GEO. W. Childs.**—Deep, rich, velvety crimson, with no shade of brown or chestnut, a brilliant red, as famous as the noted Philanthropist.

**Ivory.**—The flower is a perfect white ball of good size, incurved, borne upon long stems. As a pot plant; most successfully grown by everybody.

The above are large, bushy plants in 4-inch pots and will be in bloom by November 1st. **Each, 30c.; or the 6 grand sorts as above for \$1.50, by express, too large to mail.**

**EXHIBITION PLANTS.** We have in stock, coming on for November flower shows Specimen Plants ready from Oct. 25 to Nov. 15, in 6, 8 or 10 inch pots at 75c., \$1.50 and \$3.00 each, according to size and varieties. Per doz, 10 per cent less.

### CALLA.

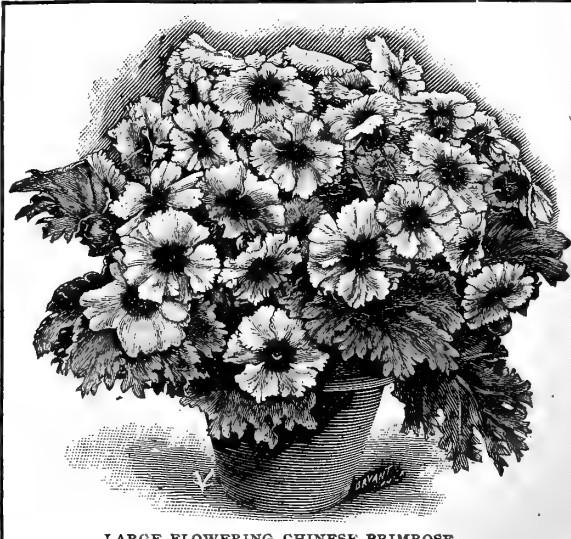
#### Little Gem, or Miniature, True.

The plant is a miniature form of the old-fashioned Calla; a full grown specimen stands only 8 to 10 inches in height and is rarely without flowers; if grown until "pot bound" (pot filled with roots) in 4-inch pots—they will bloom more readily. 15c.

### CHINESE PRIMROSES.

Brightest and best of all the easily grown free flowering window plants. The single varieties with flowers as large as a silver half dollar have beautifully fringed, fluted and wavy edges, and even small plants produce a wealth of flowers. Should be grown in a cool place, a north window is suitable. Our plants are of the largest flowered class, grown from seed of our famous International selection of seed, such as we supply to leading commercial florists of the United States. We offer them in separate colors, red, pink, white and crimson. Each, 15c.; 4 plants (1 of each) 40c.

**Primula Obconica.**—Lavender colored flowers in large clusters. Plants always in bloom and at all times attractive. Each 15c.; 2 for 25c.



LARGE FLOWERING CHINESE PRIMROSE.  
VAUGHAN'S INTERNATIONAL.

# PALMS AND DECORATIVE PLANTS.



COCOS WEDDELIANA.

Many of these very beautiful plants for room and window may be grown with ordinary care, not more than that usually given to a Geranium—beyond sponging the leaves once a week. Water thoroughly; less water is required in Winter than in Spring and Summer. For immediate effect use the larger size. These plants are in season for shipping the year round.

**ARAUCARIA Excelsa.**—(*Norfolk Island Pine.*) This beautiful plant, resembling the Pine somewhat in appearance, though much finer in texture, is particularly adapted to table decoration. It is most unique in appearance, the branches being arranged in neat, symmetrical whorls. Plants 18 to 20 inches high, with 4 whorls, by express, each, \$2.50. Plants 22 to 24 inches high, with 5 to 6 whorls, by express, each, \$3.50

**ARECA LUTESCENS.**—Leaves long and pinnate, the divisions very numerous; dark, glossy green leaves, with golden stems. Plants 10 inches high, each, 25c.; 18 inches high, each, 75c.

**CYCAS REVOLUTA.** (Sago Palm.)—This is probably the most decorative plant grown, for lawn and house adornment. Small plants, 1 leaf, 50c.; 2 leaves, 75c.; 3 leaves, \$1.25; 12 leaves, \$7.50.

**COCOS WEDDELIANA.** (Cocoanut Palm.)—It makes an elegant house plant, with its slender, erect stem freely furnished with graceful, arching leaves of a rich green color. The dinner table on which this plant was used at the Chicago Flower Show, received first prize. 3 inch pots, plants 8 to 12 inches high, each, 50c.



ARAUCARIA EXCELSA.

## FERNS.

### The Boston Drooping Fern.

(*Nephrolepis Bostoniensis.*)

Of which much has been heard during the past year; it is of the same form as the Sword Fern (*Nephrolepis Exaltata.*) but has longer and broader fronds, and a more drooping habit. In well grown specimens the fronds attain a length of six to seven feet. A very fine plant for hanging pots or baskets; easy to grow. Each, 25c.; 3 for 50c. Large size, each, 50c.; 2 for 75c.

### Nephrolepis Cordata Compacta.

A new, dwarf, bushy growing variety, with stiff narrow leaves; the fronds grow from one to two feet high and nearly upright. And even in a small pot it is a very attractive plant, cannot be excelled for ferneries or house plant. Each, 25c.; 3 for 60c.

### SWORD FERN. (*Nephrolepis Exaltata.*)

This is one of the best, producing long and graceful fronds, averaging from one to three feet in length. Hardy; grows rapidly when planted outside in shady borders. Each, 15c.; 3 for 40c. Large size, each, 50c.

**Adiantum Farleyense.**—The finest of Maiden Hair varieties. Each 25c.

**Pteris Tremula.**—(SHAKING FERN.) Very pretty and graceful leaves. 15c.

**Selaginella Amelliana.**—Stiff and erect fronds 6 to 8 inches high. Plants useful for table decoration. 15c.

**Pteris Serrulata.**—A useful basket variety of graceful habit. 10c.

**Adiantum Capillus Veneris.**—(MAIDEN-HAIR FERN.) A very graceful plant and easily grown. Best known and admired of all our ferns. 10c.

**Onychium Japonicum.**—A most desirable species with very finely divided pinnae; excellent for table decoration or exhibition purposes. 15c.

**Pteris Serrulata Cristata.**—A pretty crested Fern. Each, 15c.

**SPECIAL OFFER:** One each of above ten choice Ferns for \$1.50 postpaid. Or one each of the three sword ferns for 50c. postpaid.

## BEAUTIFUL WEEPING LANTANA.

One of the few plants that cannot be too highly recommended.

The plant is of very rapid growth, and graceful drooping habit, with lovely dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant rosy lilac color; entirely distinct from any other flower we have ever seen. Indeed, we never grew a plant that attracted so much attention and gives such general satisfaction. To produce quick results, a half-dozen or more plants should be planted in a hanging basket, although a very pretty basket can be grown from a single plant. It is also a very valuable plant for mixing with other plants in vases, etc. We have grown an immense stock of this beautiful basket plant, and we offer it at prices that are within the reach of all. Ask your friends to order with you. Price, strong plants, each, 10c.; 3 for 25c.; 7 for 50c.; 15 for one \$1.00, postpaid.

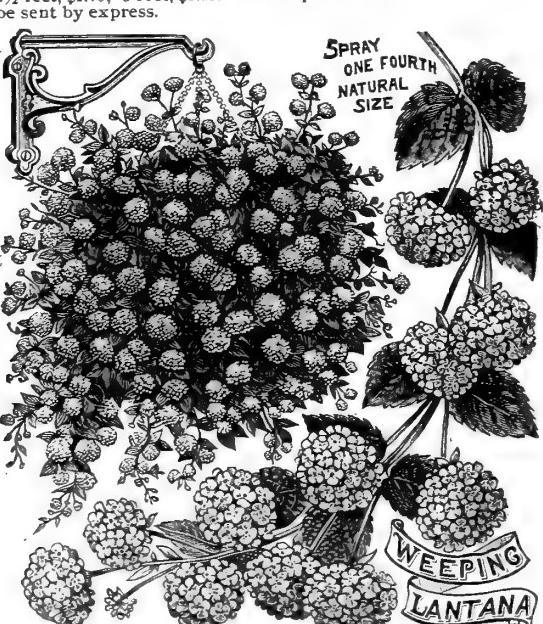
**BRIDAL MYRTLE.**—This old time favorite is again coming into favor, and should be in every window. When grown in pots, it makes a beautiful Pyramidal shaped tree. Strong plants, each, 10c.

## ASPARAGUS SPRENGERI

REMAINS PERFECT WEEKS AFTER CUTTING.

AS A HOUSE FERN IT CANNOT BE EXCELLED.

SEE PAGE 16.



# HARDY CLIMBING ROSES.

All of these can be planted in the open ground about Oct. 1st.

## CRIMSON RAMBLER.

We consider this the most wonderful of all the new Roses. We have had this Summer, branches seven feet long, loaded down with large clusters of these brilliant red Roses. One would hardly believe it possible that so many could be produced on one shoot. A superb climber; cannot be excelled, while it is also magnificent in bush form. One of the striking characteristics of this Rose is its remarkable color, which is of the brightest crimson, and remains so to the end. The flowers with which the plant is covered, are produced in large trusses of pyramidal form, carrying 30 to 40 flowers, which remain on the plant for a long time. The foliage is bright green and glossy, and contrasts finely with the bright crimson of the Rose. The plant seems to be as hardy as the Old Prairie Queen. Every garden should contain this grand Rose.

## Yellow Rambler, (Aglaia.)

The flowers are borne in immense clusters, after the same manner as the Crimson Rambler, often as many as 150 blossoms in a bunch, and the trusses have the same handsome pyramidal shape as those of the Crimson Rambler. The color is a decided yellow.

## PINK RAMBLER. (Euphydryas.)

Originated by the same nurseryman who produced White Rambler, and is of the same blood. What is said of White Rambler applies equally to this, except the color of the flowers are pure shiny rose.

## WHITE RAMBLER. (Thalia.)

Of German origin and in habit of growth, foliage, manner of blooming, form of flowers and hardiness it is said to be identical with Crimson Rambler, of which it is a blood relative, but that the flowers are pure snow-white and sweetly scented. The flowers "remain on the bush from 3 to 5 weeks; beautiful to behold."

Price, Strong Dormant plants, 1-year, each, 35c.; 3 for 90c., postpaid. Large dormant plants, 2-year-old, by express, this is the best size to give you good satisfaction, each, 50c.; the 4 for \$1.50.

## CLIMBING CAPT. CHRISTY.

One of the most desirable Roses introduced in recent years. It had its origin as a sport from Capt. Christy and possesses all the good points of that most popular of all Roses. It retains the charming peach pink color and the exquisite fragrance that have made Capt. Christy the favorite it is; added to this, remarkably strong, vigorous growth makes it one of the most desirable hardy climbing Roses in cultivation. 1-year field grown plants, each, 20c., by mail.

## Ever-Blooming Hardy Climber, Mary Washington.

This beautiful Climbing Rose has been secured from the Washington estate at Mt. Vernon. It is a remarkably free bloomer, commencing to bloom when the plants are very small and continuing throughout the season. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely; is hardy, with slight protection.

1-year field grown plants, each, 25c.; 3 for 60c., postpaid.

## ROSES BY MAIL—PREPAID.

In this catalogue space is too limited to list the varieties we offer, but our friends may rely on our experience and judgment that only the kinds most suitable for Fall and Winter blooming will be sent. In ordering customers are advised to name varieties they already have, so that we may send them different kinds. Not less than one dozen of a kind can be sent at these prices.

**Ever-Blooming Roses**, assorted, finest variety.....doz., \$1.00

**Hybrid Tea**, assorted..... " 1.00

**Ever-Blooming Climbers**..... " 1.00

## LARGE ROSE BUSHES.

*Field grown plants, 18 to 20 inches high to go by express (not prepaid.)*

**Hybrid Perpetual Roses**.—Most popular and hardy of all Roses. 12 splendid varieties, such as American Beauty, Ball of Snow, Capt. Christy, Fisher Holmes, Mrs. John Laing, Gloire Lyonnaise, Gen. Jacquemont, Paul Neyron, etc. Each, by express, 30c.; doz., \$3.00.

**Hardy Climbing Roses**.—Prairie Queen, Baltimore Belle, Seven Sisters, all well-known. Large plants, each, 30c. The 3 varieties for 75c.

## TWO GRAND ROSES

### FOR WINTER BLOOMING IN POTS, INDOORS.

**CLOTHILDE SOUPERT**. This now famous pot and bedding rose (*Polyantha Tea*) we imported and introduced in America in 1889. Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful Rose.

### New Yellow Soupert "MOSELLA."

This lovely new addition to the Soupert family we imported from Germany last season. Produces beautiful clusters of very double ball-shaped flowers which open like a Camellia. The buds are also very pretty. The color is a white tint on beautiful light yellow ground.

Extra fine 2½ inch pot plants, prepaid, 3 for 25c.; each, 10. From 3 inch pots, each, 15c.; 4 for 50c. From 3½ inch pots, each, 30c.; 3 for 75c.



## MEMORIAL ROSES.

### New Double Memorial Roses.

The habit of these roses is the same as the Rose Wichuraiana or Memorial Rose. The growth is creeping and they can be used to cover ground, stems of trees, pillars, posts, trellises, or for any other similar purpose. They are very hardy and will stand any climate or exposure. They thrive well in the poorest soil or on a gravel bank. The foliage is finely cut, thick, of a leathery substance, bright green, shining as if varnished, not subject to mildew or any insect, but keeps its full beauty almost until Christmas. The flowers are produced in the greatest profusion, so that a two or three-year-old plant will produce several thousand most exquisite blossoms, which are deliciously fragrant, and lasting in perfection. We recommend dormant 1 and two-year-old plants to give best results for Fall planting.

### TRIUMPH.

This grand Rose is of free growth, luxuriant foliage, and produces large clusters of double pure white flowers, two inches in diameter, beautifully imbricated and well formed, very sweet-scented.

### UNIVERSAL FAVORITE.

This is the most vigorous plant of the set. The long branching shoots are covered with dense bright green foliage. The double flowers are over two inches in diameter, and of a beautiful rose color, similar to the Bridesmaid, and deliciously fragrant. A grand variety for any purpose.

### South Orange Perfection.

This is a gem, growing freely, close to the ground, and having multitudes of the most perfectly formed double flowers, about one and a half inches in diameter, soft blush pink at the tips, changing to white. It lasts a long time in perfection.

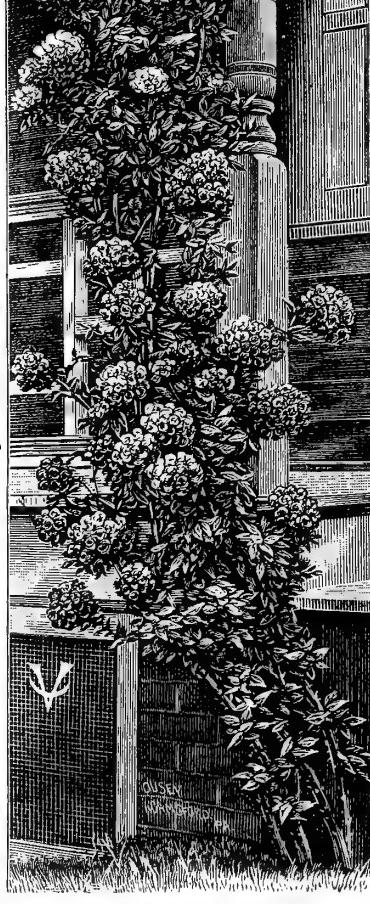
**PINK ROAMER.** The single flowers, which are produced in close heads, are nearly two inches in diameter, bright rich pink, with almost a white center, which lightens up the orange-red stamens, producing an effect which, combined with fragrance, make it one of the most valuable roses in cultivation.

### Rosa Wichuraiana, also called Hardy Memorial Rose.

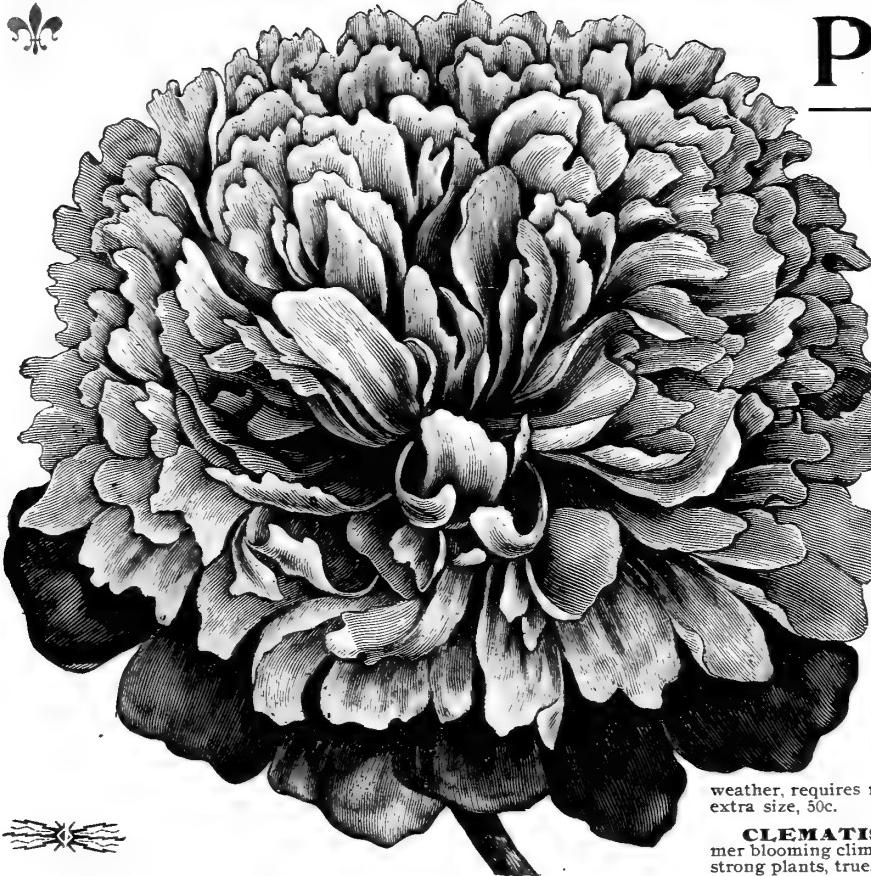
This hardy and lasting Rose creeps over the ground like Ivy. The leaves are glossy, dark green and handsomely notched. The flowers which are borne very profusely during July are large, pure white, single, with yellow center and have a strong, wild Rose fragrance. It is one of the very best plants for rock work, embankments, slopes, cemeteries, as well as for garden cultivation. Its wonderfully free, rampant habit, frequently shows a growth of 10 to 12 feet in a season, spreading as it grows.

Price, one-year-old plants, each, 25c., postpaid. Two-year-old plants, each, 40c., by express.

One each of the above 5 Memorial Roses, 1-year-old, for \$1.00, postpaid. 2-year-old, \$1.50, by express.



CRIMSON RAMBLER ROSE.



# PÆONIES.

Still the grand old favorites they were fifty years ago. Our stock consists of the newest French and Chinese varieties, with immense double blooms of the most intense yet delicate colors. The flowers are borne in the greatest profusion. For brilliant display of bloom during May and June there is nothing that will equal the Pæony. Pæonies are an investment that will increase in beauty and value for a life time. If planted in the Fall plants will get well started and flower next Spring.

**DOUBLE PINK, WHITE, CRIMSON AND SCARLET.** Each, 45c.; 4 for \$1.50, postpaid.

## HYDRANGEA PANICULATA GRANDIFLORA.

*Absolutely hardy*, grow in any soil and bloom the same year they are set out, they flower abundantly, bearing immense panicles of bloom, white at first and turning to rose in Autumn. To make a fine specimen, the soil should be as carefully prepared as for any fine shrub. An annual shortening of branches tends to increase the size of the flowers. Each, 15c.; doz., \$1.25; extra large plants, 25 to 30 inches, each, 40c., by express.

## CLEMATIS PANICULATA.

Grand new hardy Clematis; quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when very few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and entire hardiness serve to make this one of the very choicest of recent introductions. If planted early in the Fall will be well started before cold

weather, requires no protection. Price for plants from  $2\frac{1}{2}$  inch pots, each, 20c.; extra size, 50c.

**CLEMATIS.** (*Large Flowered.*)—Most beautiful, richly decorative summer blooming climber for porches and verandas. **JACKMANI**, choice imported strong plants, true, rich purple, each, 75c.

### GENERAL LIST OF

SHADE AND ORNAMENTAL TREES, SHRUBS, ETC.  
for Fall planting mailed free on application.

## BOSTON IVY, (*Ampelopsis Veitchi*.)

It clings firmly to the smoothest surface, covering walls, etc., smoothly with overlapping leaves, which form a perfect mass of foliage. The color is a fresh, deep green in summer, changing to the brightest shade of crimson and yellow in Autumn. **When planting in the Fall** it will be best to cover them with straw through the first winter. Two sizes, each, 25c. and 40c., postpaid.

**Ampelopsis Quinquefolia.** (*Virginia Creeper.*) Each, 20c.; 3 for 50c.

**Bignonia Radicans.** (*Trumpet Creeper.*) Each, 15c.

## “BOSTON IVY.”

This beautiful climbing vine gives excellent satisfaction when planted in the Fall. (See opposite.)

# CHOICE FRUITS

## GOOSEBERRIES.

### New Gooseberry KEEPSAKE.

Finest and largest Gooseberry we know of. Shows no mildew in growth about Chicago. A straw-colored variety, of the finest quality and largest size. 1-year plants, each, 20c.; doz., \$2.00, postpaid. 2-year plants, each, 30c.; 6 for \$1.50, by express.

### BISMARCK APPLE.

A dwarf growing, early bearing, German Apple which has made a record for high quality, hardiness and especially earliness of fruiting. Two-year-old trees seldom fail to produce fruit. Tree is of short and stocky growth and has been largely grown in pots for decorative purposes. Fruit, golden yellow. 1-year-old trees by mail, each, 30c.; 4 for \$1.00; 2-year-old trees, by express, each, 50c.; 6 for \$2.50.

**LOUDON RASPBERRY.**—This is truly a large fruited kind: the largest red Raspberry we have ever seen. Another good point should be remembered by those about to plant berries—it is an almost everbearing variety. Each, 15c.; 6 for 80c.; 25 for \$2.50, postpaid.

**GRAPEs, CONCORD, BRIGHTON, WORDEN, NIAGARA, DELAWARE.**—2-year-old, each, 15c.; 2 for 25c.

### OTHER VALUABLE PLANTS.

**Altheas.**—Double red, white and violet. Each, 15c.; 3 for 40c.

**Forget-Me-Not.** (*Myosotis*)—Strong roots. Each, 15c.

**Helianthus Multiflorus Plenus.** Each, 15c.

**Honeysuckles.**—Scarlet Trumpet and Japanese Golden leaf. Each, 15c.

**Iris Kaempferi.**—All shades. Each, 15c.

“ German.—Each, 10c.; 3 for 35c.

**Lilacs.** Chas. X.—Each, 25c.

“ Rubra de Marly.—Each, 15c.

“ White.—Each, 15c.

**Pinks.**—Hardy Grass. Each, 10c.

**Prunus Pissardi.**—5 feet trees. Each, 30c., by express.

**Rudbeckia.** Golden Glow. Each, 15c.

**Wistaria, Magnifica and Alba.**—Each, 35c.

## POT GROWN STRAWBERRY PLANTS.

If to go by mail add for postage 10c. per doz.; 50c. per 100.

These pot grown plants are well established with a mass of roots as shown in our illustration. For shipping they are turned out of pots, retaining the ball of earth around their roots and wrapped in paper (unless ordered by mail, in which case the ball is broken and soil washed away from the roots.) We recommend shipping by express. These pot grown plants will produce a moderate crop the first season if ordered at once and planted before September 30. Varieties marked (P) have imperfect flowers; they will not produce well unless every third or fourth row or plant is a perfect flowering variety, as all are that are not marked. Thus planted the sorts are most productive.

**Bubach No. 5 (P), Wilson's Albany, Gandy, Jessie, The Hersey, Greenville (P), Warfield No. 2 (P), Michael's Early.**

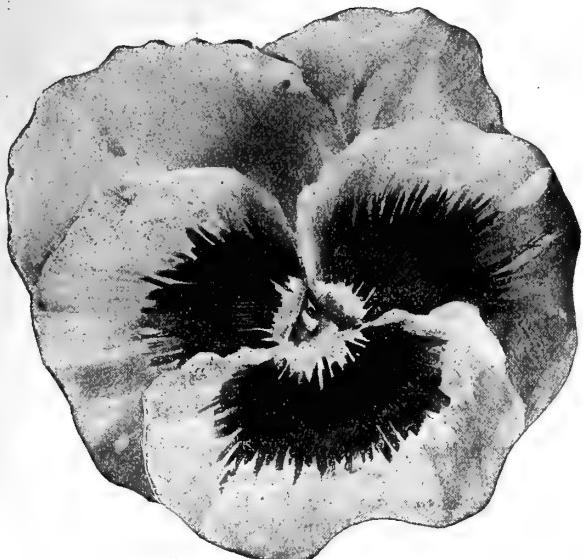
Price, choice pot grown plants of any of these varieties, per doz., 75c.; 50 by express, \$1.75; per 100, \$2.50; 1000, \$15.00.

### THE NEW LOGAN BERRY.

A thornless Blackberry-Raspberry; ripens its fruits before raspberries; bears the first year; the hardest of all berries known. Most remarkable fruit ever offered; hardy as a rock; stands driest weather; fruits on the poorest soils, where all other fruit fail. Of most delightful new flavor of surpassing quality. Ripens in June. Price, each, 15c.; 3 for 35c.; 12 for \$1.00.



POT GROWN STRAWBERRY PLANT.



TYPE OF INTERNATIONAL PANSY.

# Flower Seeds

For Fall  
Sowing.

## PANSIES

Pansies delight in the moist cool weather of early Spring showing then the most superb colors and largest blooms. To secure such early blossoms plant in the Fall, from August to November. Nearly all Florists sow their Pansies in the Fall. Full directions for culture on all our packages. We have the following grand mixtures, unexcelled in the world.

### VAUGHAN'S INTERNATIONAL PANSY MIXTURE.

The best selection from many growers.

It contains seed from the most celebrated growers of France, Germany England and America, and comprises all the finest and most "odd" colors found in the German strains as well as the Giant-Flowered Trimardeau, Bugnot and Cassier. Packet (250 seeds). 25c.; 3 pkts, 65c.; 5 pkts, \$1.00.

**Vaughan's Giant Pansy Mixture**, this mixture comprises all the best sorts and colors of our Giant Pansies and will furnish a Pansy bed to the satisfaction of every one. Pkt. (250 seeds), 25c.; 3 pkts. for 50c.;  $\frac{1}{2}$  oz., \$1.00.

**Giant Pansies** in separate colors: White, Black, Striped, Beaconsfield, Emperor William, Violet Blue, Yellow, Auricula colors. Each, per pkt., 10c.; the entire collection of 10 sorts, 1 pkt. each for 60c.

**Vaughan's Premium Pansy Mixture**, introduced by us several years ago, has held its own and we can only say that it is as choice and desirable as ever. Per pkt., 10c.; 3 for 50c.;  $\frac{1}{2}$  oz., \$1.00.

**Vaughan's Chicago Parks Bedding Pansies**, Mixed, per pkt., 3c.; 4 pkts. for 10c.;  $\frac{1}{2}$  oz., 30c.

## Vaughan's International Chinese Primrose Mixture.

The culture of these flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single flowering Primulas in all their dainty shades, but it comprises also seed saved from hybridized flowers and will produce a number of double flowers and the new blue Primula.

Price, per pkt. (100 seed), 15c.; 2 for 25c.

### CHINESE PRIMROSES, SEPARATE COLORS.

Pure White, Pink, Peach blossom, Chiswick Red, Blue, Striped. Each, per pkt. of 50 seeds. 10c.

**Chinese Primroses**.—A very good mixture. Per pkt. of 50 seeds, 5c.

### HARDY PRIMROSES.

**Primula** Auricula, fine mixed. Pkt., 15c.

**Vulgaris**, Yellow Primrose. Pkt., 10c.

**Veris** (Polyanthus), mixed. Pkt., 10c.

CHINESE PRIMROSE GROWN FROM "INTERNATIONAL" STRAIN.

## SWEET PEAS.

learned by repeated experiments that seeds sown in the Fall, following the natural course of the plant itself in distributing the seed on the ground, when ripened, nearest complies with nature's requirements, and that such plantings have started early in the Spring with far better results than when the seed has been sown in the Spring. We have made for this purpose a selection of the strong growing sorts in the full line of colors. Sow them in the Fall.

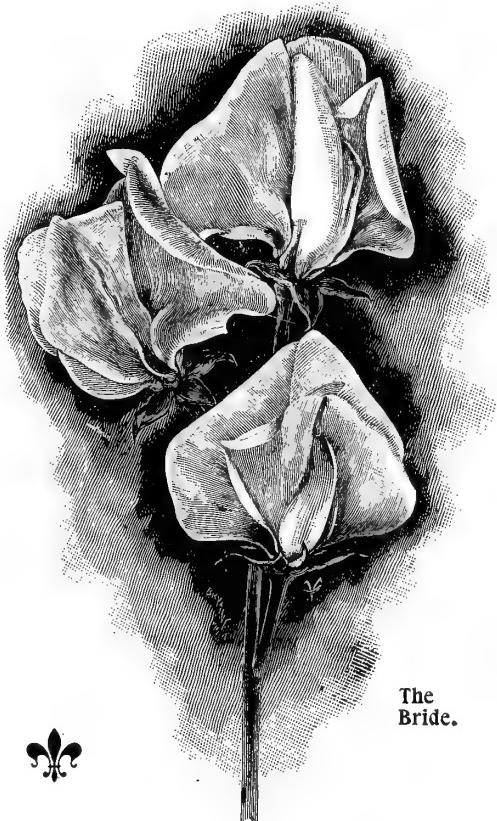
**VAUGHAN'S PRIZE MIXTURE**.—Contains all the named varieties and all the novelties, and is undoubtedly the finest and most complete mixture ever offered. By mail, postpaid, 2 lbs., \$1.90; lb., \$1.00;  $\frac{1}{2}$  lb., 30c.; 2 ozs., 25c.; oz., 15c.; 3 pkts., 20c.; pkt., large, 10c.

**Eckford's Mixture**.—This is grown from stock seed of Vaughan's Prize Mixture which was made up from named sorts and contains over thirty varieties, including some novelties and all the choice varieties. By mail, postpaid, per lb., 70c.;  $\frac{1}{2}$  lb., 40c.;  $\frac{1}{4}$  lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt. (large size), 5c.

**All Colors Mixed**.—This is also a very good mixture; containing over twenty varieties. By mail, per lb., 40c.;  $\frac{1}{2}$  lb., 25c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.

"HOW TO GROW SWEET PEAS" is the title of our little booklet on Sweet Peas published by us. It contains much valuable information on the culture of the lovely flowers, the different varieties, etc. Free for the asking with every order for Sweet Peas for 25c. and upwards.

To obtain early flowers of this favorite as well as to insure a long flowering season, the most careful cultivators have long recommended earliest possible planting in the Spring for this flower, but within a recent period it has been

The  
Bride.

### The "BEST TEN" Sweet Peas.

**The Bride**, white; **New Countess**, lavender; **Blanche Ferry**, pink and white; **Aurora**, orange, pink striped; **Stanley**, dark maroon; **Mars**, bright scarlet; **Her Majesty**, bright rose; **Maid of Honor**, blue and white; **California**, soft pink; **Mrs. Eckford**, yellow.

Price, any of above pkt., 5c.; oz., 10c.

**SPECIAL**: One pkt., each above "Best Ten," 30c.; one ounce each above "Best Ten" 60c.

### The BEST TWENTY Sweet Peas.

Includes besides the above "Best Ten" the following sorts:

**Duke of Clarence**, richest purple; **Venus**, buff pink; **Royal Post**, light rose; **Stella Morse**, buff cream, oz., 5c.; **America**, scarlet striped; **Emily Eckford**, light blue.

Price, for any of above pkt., 5c.; oz., 10c. (except where marked).

**SPECIAL**: One pkt. each of above 20 sorts, 50c.; one ounce each, \$1.00.

LAWN SEED

SOWN IN FALL MAKES A BETTER LAWN THAN SEED SOWN  
IN SPRING. See page 23.



## A Selection of VEGETABLE SEEDS For Fall, Winter, and Early Spring Sowing.

The following list is an extract from our Spring catalogue. Our '99 catalogue will be ready next January.

**Discount on Packets.** Customers buying vegetable seeds in packets and single ounces may select extra seeds (in packets and single ounces) to the value of 30 cents for each dollar remitted.

### ASPARAGUS ROOTS.

**Conover's Colossal.**—1 year old roots, per 100, 50c.; per 1000, \$4.00. 2 year old roots, per 100, 60c.; per 1000, \$5.00.

**NOTE.**—If these are to be sent by mail, add 50c. per 100 to above prices on 2 year old plants, and 25c. per 100 on 1 year old plants.

### BEANS—Bush or String.

If to go by mail add 8 cents to the pint and 15 cents to the quart prices.

	PKT.	PT.	QT.
Improved Earliest Valentine	10	12	20
Extra Early Refugee	16	12	20
Early Round-Pod Six Weeks	10	12	20
New Stringless Green-Pod	10	15	25
Refugee or 1,000 to 1	8	10	15
Early Mohawk	8	10	15
New Valentine Wax	10	15	25
Davis Kidney Wax	10	15	25
Wardwell's Kidney Wax	10	12	20
Challenge Black Wax	10	12	20
Saddleback Wax	10	15	25
Prolific German Black Wax	10	12	20
Improved Golden Wax	5	10	15

	PKT.	PT.	% LB.	LB.
Crosby's Egyptian	5	10	25	\$0 80
Improved Early Egyptian	5	10	15	45
Long Smooth Dark Blood	3	6	15	40
Edmand's, select stock	5	10	20	60

### CABBAGE.

Vaughan's Selected Early Jersey Wakefield	10	30	80	3 00
Large Early Wakefield	5	20	65	2 50
Early Summer	3	20	50	1 50
All-Head Early	5	20	60	2 00
Fottler's Improved Brunswick	5	15	45	1 50
Dutch Winter or Holland	10	30	85	3 00
Vaughan's Premium Flat Dutch	5	15	50	1 75
Surehead	5	20	60	2 00

### CARROT.

Guerande Half Long	5	10	20	60
Chantenay	5	10	30	1 00
Danvers (selected stock)	5	15	40	1 50
Improved Long Orange	3	7	15	50

### SWEET CORN.

If to go by mail, add 5c. to the pint prices, and 10c. per quart for postage.

	PKT.	PINT.	QT.
Early White Cory	10	12	20
Burbank's Early Maine	10	12	20
Early Champion	10	12	20
Perry's Hybrid	5	10	15
Early Crosby	5	10	15
Moore's Early Concord	5	10	15
Old Colony	5	10	15
Country Gentleman	10	12	20
Stowell's Evergreen Eastern	10	12	20
" Western	5	10	15

### CAULIFLOWER. PKT. OZ. % LB. LB.

Vaughan's Earliest Dwarf Erfurt... 25 3 00 11 50

Danish Snowball..... 20 2 25 8 00

**CORN SALAD.** PKT. OZ. % LB. LB.

Large Round Leaved..... 5 10 20 60

### Rarer Vegetables and Herbs.

#### How to Cook and Use.

#### A Boon to Housewives.

MANY of the rarer vegetables—especially those imported from France and Germany—are comparatively little known to the American housewife. In order that the true delicacy and distinctiveness of flavor of these choice kinds may be best secured and appreciated, we have prepared a Cooking pamphlet. This book contains a collection of the best recipes for the preparation and cooking of these rare and odd vegetables. We also give other excellent, but less known recipes for cooking the older varieties, with some notes regarding the use of herbs and plants for the flavoring or garnishing of other dishes. Price, heavy paper cover, 25 cents, or free to every customer who buys seeds to the amount of \$3.00 or upwards and asks for same.

### CELERY. PKT. OZ. % LB. LB.

Giant Golden Heart	10	30	85	3 00
Giant Pascal	5	20	60	1 75
Dwarf Golden Heart	3	15	40	1 50
Perfection Heartwell	5	15	50	1 75
Golden Self-Blanching	5	25	75	2 50
White Plume	5	20	60	2 00
Turnip-Rooted, Prague	5	15	50	1 50

### CUCUMBER.

Cool and Crisp	5	10	30	1 00
Evergreen White Spine	5	10	20	60
Improved Chicago Pickle	5	10	20	60
Arlington White Spine	10	15	30	1 00
Extra Long White Spine	5	10	20	60
" Early Green Prolific	3	8	18	55
Improved Long Green	5	10	20	60

### EGG PLANT.

New York Improved..... 10 35 1 00 3 50

### LETTUCE.

Chicago Forcing	5	15	40	1 50
Grand Rapids	5	15	40	1 25
Black Seeded Simpson	5	15	35	1 25
Blonde Beauty	5	15	35	1 25
St. Louis Butterhead	5	10	30	1 00
The New "Morse"	5	15	35	1 25

### PARSLEY.

Champion Moss Curled..... 5 10 20 60

### PARSNP.

New American Hollow Crown.... 5 10 15 50

### ONION.

Write for prices on larger lots.

Large Red Wethersfield	5	10	20	70
Extra Early Flat Red	5	10	30	1 00
Southport Large Red Globe	5	15	40	1 35
Yellow Globe Danvers	5	10	25	70
Early Flat Yellow Danvers	5	10	20	60
Yellow Strassburg	5	10	25	75
Southport Yellow Globe	5	10	35	1 25
Prizetaker	7	20	40	1 35
White Adriatic Bartetta	5	15	40	1 40
White Portugal	5	15	45	1 60
Ideal White Globe	5	15	45	1 65
Mammoth Silver King	5	15	40	1 40

### CAULIFLOWER. PKT. OZ. % LB. LB.

Vaughan's Earliest Dwarf Erfurt... 25 3 00 11 50

Danish Snowball..... 20 2 25 8 00

**CORN SALAD.** PKT. OZ. % LB. LB.

Large Round Leaved..... 5 10 20 60

The following prices include postage, EXCEPT on pints and quarts of Beans, Corn and Peas, and Mushroom Spawn in larger lots than 1 lb. Varieties not mentioned in the following list may be ordered from our '98 spring catalogue, the prices of which prevail until our '99 catalogue is issued.

### PEAS.

If to go by mail add 8 cents per pint and 15 cents per quart for postage.

	PKT.	PINT.	QT.
Maud S.	10	15	25
Nott's Excelsior	10	15	25
Alaska	10	12	20
Bliss' American Wonder	10	12	20
Heroine, new 2d. early	10	12	20
McLean's Advancer	10	12	20
Telephone	10	12	20
Stratagem	10	15	25
Champion of England	10	12	20

### RADISH. PKT. OZ. 1/4 LB. LB.

Vaughan's Scarlet Globe, white tip, best white tip for forcing	5	10	30	1 00
Long Brightest Scarlet	5	10	20	65
Improved French Breakfast	5	10	25	75
Early Olive Deep Scarlet Short Top, or 20 days forcing	5	15	30	1 00
Early Scarlet Globe	5	10	20	60
Scarlet Turnip, white tip	5	10	20	60
Early Long Scarlet, short top	5	8	15	50
Vaughan's Market	5	10	30	1 00

### SPINACH.

Extra Large Round Leaved	3	10	30
Long Standing, 10 lbs., \$1.50	5	10	30
Bloomsdale, 10 lbs., \$1.50	5	10	30

### TOMATO.

Vaughan's Earliest of All	10	30	90
The New Stone	10	25	70
Atlantic Prize	8	25	70
Dwarf Champion	5	20	60
Livingston's Beauty	5	20	60
Acme	5	20	50
Perfection	5	20	50

### MUSHROOM SPAWN.

**A New Importation, Just Received.**

**English**, one pound bricks, 25c. each. By freight or express, 10 lbs., \$1.00; 100 lbs., \$7.50.

**French**, 2 lb. boxes, 80c. each; by mail, \$1.00.

**French**, loose, per lb., 50c.

**MUSHROOM SEED**, a new method, recommended by high French authority. Put up in tablets 4x2½ inches, 5 tablets, 50c.; by mail, 60c.

### Egyptian or Perennial Onions.

This variety never forms a large bulb, their value lies wholly in their special adaptability for producing green onions for Spring use; are immensely productive and perfectly hardy. Being perennial, they will, if left in the ground, continue growing for an indefinite time, continuing to increase both from the bottom and from sets produced on top of the stalk. In their culture the sets should be planted in the Fall, as they thus attain the benefit of prolonged growth, and attain a larger size. Plant in drills to a depth of 3 to 4 inches, to bleach the ensuing growth to some length. Price for Fall delivery, 2 qts., 45c.; qt., 25c.; pint, 15c., postpaid. By express at purchaser's expense, peck, 45c.; ½ bush., 80c.; bush., \$1.15; bbl. (3½ bu.) \$4.50.

# VAUGHAN'S CHICAGO PARKS LAWN SEED.

SOWN IN FALL  
grass seed will  
make a much  
better lawn than  
if sown in the  
Spring.



## HOW TO MAKE A LAWN

Is fully described  
in our new pamphlet,  
which will be given free  
with every package of Lawn seed.

### Vaughan's Chicago Parks Lawn Seed.

If to go by mail add 8 cents per pound.

#### Quantities to Use and Prices.

1 lb. package, for 400 square feet of lawn.....	8 25
5 lb. package, for 2,000 square feet of lawn.....	1 00
10 lb. bag for 4,000 square feet of lawn.....	1 85
15 " " 6,000 " "	2 75
20 " " one-fifth acre of lawn.....	3 25
50 " " one-half " "	7 75
100 " " one " "	15 75

#### Special Prices Quoted

TO GOLF CLUBS, PARKS,  
CEMETERIES, ETC.,  
ON GRASS SEED IN QUANTITY

### Columbian Lawn Grass Mixture.

Especially prepared for light soils and shaded situations.

PRICE: Per lb. (Enough for a space 15x15 feet), 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.75; 20 lbs., \$3.25; 50 lbs., \$7.50; 100 lbs., \$14.

If to go by mail add 8 cents per lb. for postage.

**KENTUCKY BLUE GRASS**—Fancy clean seed. Per lb., 20c.; 3 lbs. for 50c.; bushel (14 lbs.), \$2.00; 5 bushels, \$9.00.

**RED TOP GRASS**.—(Fancy clean seed.) Per lb., 30c.; 4 lbs. for \$1.00.

**Red Top Grass**.—(Choice seed.) Per lb., 20c.; 5 lbs. for 75c.

**WHITE CLOVER**.—(Extra choice seed.) 1 lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.

Add 8 cents per pound to above prices if wanted by mail.

### LAWN FERTILIZER.

This fertilizer is non-odorous, dry, fine and easy to apply. Two or three applications during a season, just before a rain or watering, at the rate of one pound to each 100 square feet of grass keeps it in a flourishing condition and enables it to withstand the scorching sun. This fertilizer can also be used on all garden truck, flower and house plants.

#### DIRECTIONS FOR USE.

The first application should be made early in the Spring; as soon as the frost is out of the ground, at the rate of ten to fifteen pounds of fertilizer to every 1,000 square feet of lawn, evenly distributed. For seeding down a new lawn scatter double the amount, say twenty-five pounds of fertilizer, broadcast on every 1,000 feet, and rake it in thoroughly before sowing the seed.

#### QUANTITIES TO USE AND PRICES.

10-lb. bag for 1,000 square feet of lawn, or 500 square feet of garden.....	\$ 50
25-lb. bag for 2,500 square feet of lawn, or 1,200 square feet of garden.....	1 00
50-lb. bag for 5,000 square feet of lawn, or 2,500 square feet of garden.....	1 60
100-lb. bag for $\frac{1}{4}$ acre of lawn or $\frac{1}{2}$ acre of garden.....	2 75
200-lb. bag for $\frac{1}{2}$ acre of lawn, or $\frac{1}{4}$ acre of garden.....	\$5.00; 400 lbs. 9 00

Highest Chemical Analysis.

200 lbs  
LAWN  
FERTILIZER  
PUT UP FOR  
J.C.VAUGHAN  
CHICAGO

## WINTER WHEAT.

(See also  
back cover.)

### EVERY PROGRESSIVE FARMER

should produce a change of Seed Wheat from other sections of the country every few years. Change of seed when carefully practiced, is certain to produce an increase of quantity and an improvement in quality. To continue to plant old and run out kinds may often cause a loss of three times the cost of new seed, while a good crop of any new strain will usually sell in your neighborhood for more than double the price of ordinary stock.

### EARLY GENESEE GIANT WHEAT.

#### HALF BEARDED.

It is truly a Wonder in the Wheat line for thrifty Fall growth, early Spring stooling, strong short-jointed straw, solid filled head, FINE HARD AMBER GRAIN and THE CHAMPION OF ALL IN PRODUCTIVENESS, yielding at the rate of 60 to 70 bushels to the acre.

It is truly a wonder in strong growth and heavy root, with the ability to withstand Spring frosts and Summer drought. It is adapted to a great variety of soils, and will be of great value to the farmer in cold, bleak sections of Northern Illinois, Wisconsin, Iowa and as far North and West as Winter varieties can be grown. It does remarkably well even when sown late, and is a champion for productiveness upon any soil fit for Winter wheat. It can be depended upon, for an abundant yield even in unfavorable seasons, but to produce the largest possible, it should be sown on rich, dark loam, strong gravelly, or clay soil, and sown early. On land liable to heave in the Spring, it will prove of great value, as its strong root and rapid Spring growth quickly repair the slight thinning on wet soils. It grows little above medium height, short-jointed and stocky, wall of the straw being very thick and hard, resisting severe wind and rain storms to a remarkable degree without lodging. Heads are long, broad and square, enlarged near the top and completely crowded out of shape with large, plump, medium long kernels. Beards short, with many lacking on sides of head. Grains large and plump, standing out very prominent on the head, of a light amber shade, very hard and rich in gluten, and will compete in this respect with the light amber Spring varieties of the Northwest for fine flour-making proprieties, and will weigh two to four pounds more to measured bushel than other sorts, especially if grown on clay soil.

Price, by mail, per lb., 30c.; 3 lbs., 70c. By express or freight,  $\frac{1}{2}$  peck, 35c.; peck, 55c.; bushel, \$1.85; 2 bushels, \$3.40; 10 bushels, \$16.00, bags included.

In peck lots or over, we deliver goods free at depot or express office in Chicago, (for New York price on bushel lots and upwards, add  $\frac{1}{2}$  cent per pound) the purchaser in all cases paying freight or express charges.

### WINTER TURF OATS.

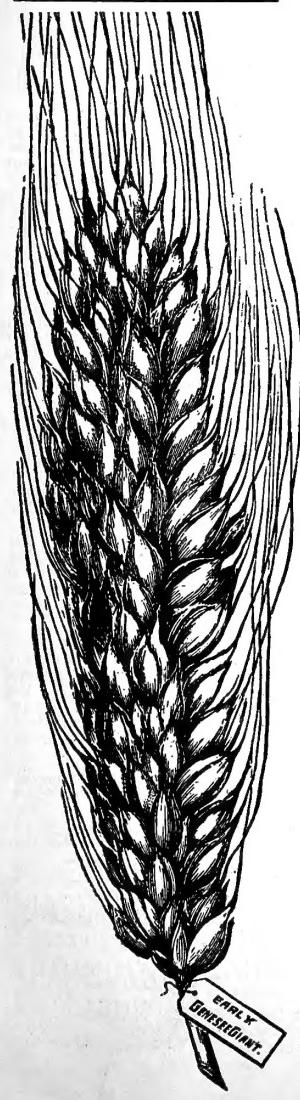
This valuable grain has for several years been growing in favor and use in many parts of the South and has proven extremely valuable, both for the grain and for Winter grazing. The Oats may be sown anytime from August as late as the ground can be worked. Of course the latter sowings are more liable to winter kill and afford less pasture. They will, however, make a good crop sown as late as October 1st, as well as early in the Spring, producing larger yield in bushels and in weight than Spring Oats and they are fully as hardy as Winier Wheat, growing in poorer soil than that and affording much better pasture. The Oats are remarkable for their free stooling habits, producing 25 to 40 stalks from one grain. The height is from 4 to 5 feet. Its great value for grain and Winter pasture makes it worthy the attention of every farmer. Our price is very low, as follows: Per oz. pkt., 5c.; lb., 25c.; 3 lbs., 60c., postpaid, by express or freight (on cars at Chicago or N. Y.) pk., 40c.; bu., \$1.25; 2 bu., \$2.25.

**THOUSAND FOLD RYE**.—A rank grower with stiff, heavy straw. Heads of immense size filled with plump grains. Its yield is 20 to 25 per cent greater than any other Rye, and it makes excellent flour. Eight bushels of seed has yielded 264 measured bushels. Lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, peck, 40c., bushel, \$1.25. (If shipped from New York add  $\frac{1}{2}$  cent per pound), bag included.

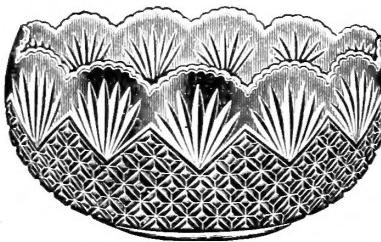
**Cahoon Broadcast Seed Sower**.—A hand-machine very largely used. The quantity to be sown is easily regulated. It distributes EVENLY four to six acres per hour. It will scatter following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ pounds. Price, \$2.75; three at one time for \$8.00.

**The Little Giant Hand Broadcast Seeder**.—Will sow from 40 to 60 acres per day.

No. 1, with fiddle-bow motor..... \$1.75  
No. 2, with crank motor..... 2.00



# FERTILIZERS, SUPPLIES, ETC.



CHINESE LILY BOWL.

We take pleasure in offering this handsome article in an entirely new and beautiful pattern as shown in the accompanying illustration. The bowl is made of pressed glass and is just the thing in which to grow the popular Chinese Lily bulb in gravel and water. Can only be forwarded by express.

6 inch for 1 bulb, 20c.; 3 for 50c.  
7 inch for 2 bulbs, 25c.; 3 for 65c.  
8 inch for 3 bulbs, 30c.; 4 for 80c.

**Gravel**, such as is used for above, per quart, 5c. If by mail, postpaid, 40c.

FOR HYACINTH GLASSES  
SEE PAGE 4.

## POULTRY SUPPLIES.

**Haven's Climax Condition Powder.**—It cures disease and keeps stock and fowls healthy. All who have used Haven's Powder once, will have it again. Price, 14 oz. package, 25c., by mail, 15c. extra for postage. 5 pound box (equal to 5 packages), \$1.00. Circulars free on application.

**Ground Oyster Shells.**—Of great value to all poultry. Bbl. of 275 lbs., \$3.00; 3 bbls. for \$8.25; 100 lbs., \$1.25; 50 lbs., 75c.; 25 lbs., 45c.; 5 lbs., 15c.

**Rust's Egg Producer.**—Makes the Eggs plentiful and keeps fowls vigorous and healthy; it is just what is needed to make poultry keeping the most profitable operation on a farm or place. Full direction on each box. 1 lb. box, 25c.; 2½ lb. box, 50c.; 6 lb. box, \$1.00. If to go by mail add 16 cents per pound for postage. Send for descriptive circular.

**Coarse Ground Bone.**—Especially prepared for chickens, etc. Price, 5 lbs., 20c.; 25 lbs., 70c.; 50 lbs., \$1.20; 100 lbs., \$2.00; 200 lbs., \$3.50.

### WILSON'S BONE MILLS.

**No. 1 Bone Mill**, without iron legs, weight 35 lbs., \$3.75; 3 for \$11.00.

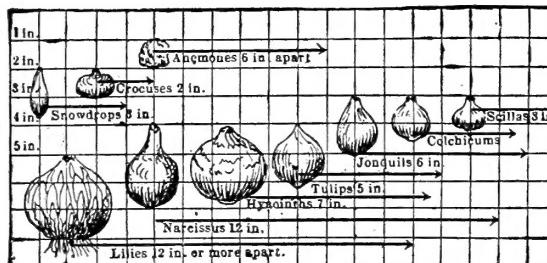
**No. 1** " " with iron legs, weight 65 lbs., \$5.75.

**No. 0 Family Grist Mill**, \$3.85; 3 for \$11.50.

**Green Bone Mill No. 1**, hand size for grinding fresh bones, \$12.75.

### DEPTH AT WHICH BULBS SHOULD BE PLANTED.

Many of our customers are frequently puzzled to know the proper depth and distance apart at which bulbs should be planted. The accompanying diagram reproduced from "Popular Gardening," conveys the information much more clearly and briefly than we could describe it. The chart will bear careful study. **Out door planting should be done early** in the Fall to secure healthy plants, vigorous foliage and beautiful flowers.



**PURE BONE MEAL.** Analysis: Amonia, 3 to 4 per cent. Bone Phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. Price, per bag of 200 lbs., \$4.25; 100 lbs. or over, \$2.00. Harrow or drill in, using 200 to 300 lbs. per acre at time of seeding. In small lots by express, not prepaid, 51bs., 25c.; 10 lbs., 40c.; 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

### TOBACCO INSECTICIDE SOAP.

It is absolutely safe to handle and will not injure the tenderest growth of plants. It is used by desolving in hot water at the rate of 1 ounce to 2 quarts of water. With this water the plants are sprinkled or sponged, one or two applications will exterminate any kind of insect. It is sure death to green or black fly (aphis), scale, mealy bug, red spider, etc. If used once or twice a month on plants they will never be troubled with insects. Sold in seven ounce cans at 30c. each, and in two ounce packages at 12c. each, by mail, postpaid.

**BIRD SEED.** We make a specialty of *re-cleaned*, fresh seed at the following low prices: Hemp, Rape, Canary or Millet Seed at 6c. per pound. Mammoth Russian Sun Flower and Blue Maw Seed at 10c. per pound. If to go by mail, add 10c. per pound for postage. Bird Gravel, per box, 5c. Cuttle Bone, each 1c. and 2c. Mocking Bird, Food, per bottle, 25c., by mail, 50c.

### Plant Bed Cloth for Hot Beds.

Splendid cheap substitute for glass, answering many uses equally well. Light and easily shipped anywhere. It is of stout, tarred muslin that sheds water and protects against weather.

20 yards and upward.

Light, per yard..... 5c

Medium, "..... 8c

Heavy, "..... 12c

50 yds. and upward.

Light, per yard..... 4½c

Medium, "..... 7½c

Heavy, "..... 10½c

We do not sell less than 20 yards of a kind, as it is made in pieces of 40 and 60 yards.

### Galvanized Steel Wire Plant Stakes.

*Far superior to wooden stakes and practically indestructible.*

FEET.

DOZ. 100

2..... \$11 \$65

2½..... 12 75

3..... 15 85

3½..... 20 110

4..... 22 115

5..... 25 135

**ROFFEA.**—The best material for tying plants, being soft and strong and goes farther and looks better than string. 1lb., 25c.; by mail, 40c.

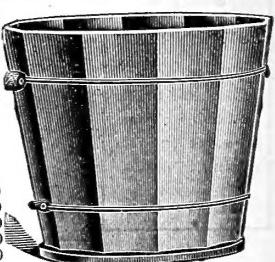
### COLUMBIAN FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape; held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle.

#### No. 1, Plain.

	Painted Green or Red.	EACH.
12 by 11 in.		\$1 00
15 by 14 in.		1 50
18 by 16½ in.		2 00
21 by 18½ in.		2 50
24 by 20½ in.		3 00

No. 1.

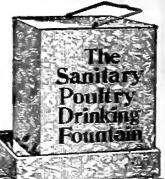


#### No. 2, Fancy.

	Staves are finished alternately imitation of rosewood and natural varnish finish.	EACH.
12 by 11 in.		\$1 50
15 by 14 in.		2 25
18 by 16½ in.		3 00
21 by 18½ in.		3 75
24 by 20½ in.		4 50

## DRINKING FOUNTAIN.

### "SANITARY."



**CLEANED AND FILLED IN A MINUTE.**—Every poultry raiser of experience knows the importance of pure, fresh water at all times for Chicks and Fowls; not only for health but also for growth and the production of eggs.

**THE SANITARY POULTRY FOUNTAIN** is so designed that it can be instantly opened and thoroughly cleaned in a few seconds, thus overcoming the greatest objection to all other drinking fountains.

**HOW TO CLEAN THE SANITARY.**—A slight pull on the projecting part of the bottom removes it entirely.

**THE SANITARY FOUNTAIN FILLED.**—With many fountains you are obliged to wait for the water to gurgle in through a small opening, taking minutes in some cases to fill; with the Sanitary you can do it in as many seconds, as it has an opening six inches square; or the body can be used as a dipper, thus—compared with other fountains—making a saving of thirty minutes in every dozen filled. Price, 1 gallon, each, 50c.; per doz., \$3.00; 2 gallon, each, 85c.; per doz., \$9.00.

### CONCENTRATED "JADOO" LIQUID.

**Both Meat and drink to plants.**—Price of "Jadoo" Liquid, by freight or express, at buyer's expense, 10 gallons in jacketed can, \$1.50; 5 gallons in jacketed can, \$1.75; 2 gallons in jacketed can, \$1.50; pint bottle, 25c.; 2 dozen pints in one case, \$3.50. Mix with the "Jadoo" Liquid before using, 48 parts water to one part Liquid. This will not only be found useful for plants grown in "Jadoo" Fibre, but also for watering plants in earth. It is claimed to be a cheap and effective fertilizer.

**"JADOO" FIBRE.**—A new material in which plants thrive without earth. Price of "Jadoo" Fibre by freight or express, at buyer's expense. A bag of about 3½ bushels, 120 lbs., \$3.60; 25 lbs. in box, \$1.10; 10 lbs., 50c.; 5 lbs., 30c.

### COMMON FLOWER POTS AND SAUCERS.

2 inch pots.....	Doz. ....	20c.....	100, \$ 90	SAUCERS.
3 " "	25c.....	" 1 25	3 inch ..... Doz., 15c	
4 " "	35c.....	" 2 00	4 " ..... 20c	
5 " "	45c.....	" 2 75	5 " ..... 30c	
6 " "	60c.....	" 4 00	6 " ..... 40c	
7 " "	\$1 00.....	" 7 50	7 " ..... 50c	
8 " "	1 75.....	" 12 00	8 " ..... 80c	
10 " "	Each, 35c.....	" 10	10 " ..... Each, 20c	
12 " "	60c.....	" 12	12 " ..... 30c	

### SHEEP MANURE.

This is very extensively used by Florists to enrich the soil, especially for Chrysanthemums and Roses. It is also very useful for bulbs. About one-fourth Sheep Manure well mixed with the soil will produce excellent results, the bulbs will grow more vigorously, the foliage will be dark rich green and the flowers larger. We recommend this as a splendid fertilizer and the price is very low. Per package of 2½ lbs.; 5 lbs., 30c.; 10 lbs., 45c., by express at buyer's expense.

### BOWKER'S PLANT FOOD.

This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless, and takes the place of liquid manure. Drives insects out of the soil. Package containing food for 20 plants for three months, 15c.; 3 for 40c.; if by mail, add 5c. per package. Large package, containing sufficient plant food for one year, 25c.; 3 for 65c.; if by mail, add 15c. per package. Each package contains full directions.

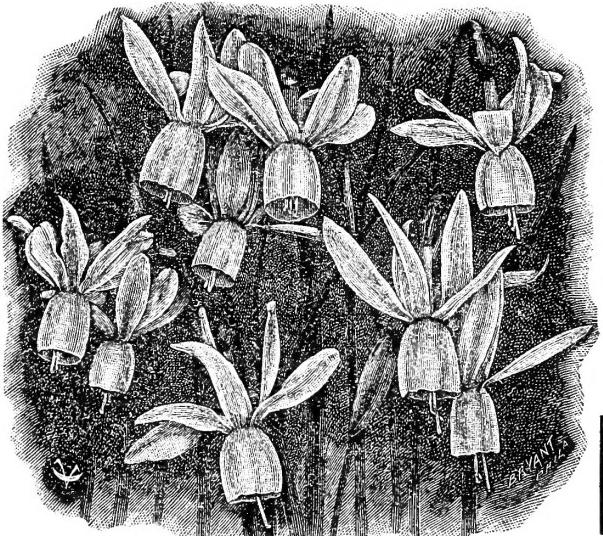


# Vaughan's 1898 BULB NOVELTIES.

SPECIAL OFFER ONE EACH OF THE 4 CHOICE NOVELTIES ONLY \$1.75 Postpaid.



New Large  
Flowering  
Calla  
'Fragrance'



NARCISSUS "ANGEL'S TEARS" OR CYCLAMEN FLOWRED.

FREESIA  
"THE BRIDE"  
The Grand Novelty  
of 1897.  
SEE PAGE 11.

## AMARYLLIS "WHITE DOVE."

This is also an introduction of Mr. L. Burbank, and can be classed as one of the most beautiful and free-flowering of bulbous plants. Produces large flowers of a pure white color. Bulbs of immense size—supply very limited. Each, \$1.00; 3 for \$2.50, postpaid.

## Lilium Candidum "NEW PARISIAN" OR "THICK PETALLED."

It is known to most growers of this Lily that there are two strains. The flowers of each show in substance a marked difference. The better one shows a wider flower, with petals much more firm and of greater substance, and while seen occasionally, in the usual crop of *Lilium Candidum* they are generally scarce, and only a few lots of these lilies show the best type of flowers. Last season, however, we secured one importation of the true variety which we call "NEW PARISIAN," and they have given our customers excellent satisfaction. We are for this season again importing a good stock of this particular variety, and offer it as the best and most substantial type of *Lilium Candidum*. Price, each, 30c.; 3 for 75c., postpaid. By express, each, 25c.; 3 for 65c.; 25 for \$3.00; per 100, \$10.00.

## GARDENING.

THE LEADING HORTICULTURAL MAGAZINE.

Is issued every two weeks at \$2.00 a year and contains only practical, useful, seasonable matter, exactly on the line indicated by its name. It is neither padded with worthless general news nor overloaded with scientific articles. It simply tells how to sow and what to do in a practical, attractive way. Have you not needed such a garden paper? Are you still looking for it? The publishers of GARDENING have decided that the best advertisement of their journal is a trial of it.

To extend its circulation, for the general good, we now offer it to all our customers who spend as much as \$2.50 with us this Spring, at one-half the subscription price; that is, any such customers can have from us a year's subscription for \$1.00 or six months' for fifty cents. TRY IT for at least six months (12 numbers); we are sure you will find it worth the money.

## New Calla Lily—"FRAGRANCE."

Originated by the well-known Bulb and Plant Specialist, Mr. Luther Burbank of Santa Rosa, California, whose description of this new and most beautiful plant we give below.

"The common garden Calla, though always destitute of any odor unless it be a faint one of muriatic acid or a toadstool, has still won its way into universal public favor.

In the new Calla 'Fragrance' which is one of the many thousand seedlings of 'Little Gem', we have not only a most charming flower produced in a profusion never before surpassed, if equaled, and a week or two earlier, and also with a genuine, sweet, lasting fragrance of its own but similar to the fragrance of violets or lilies. The plants are of medium size, compact in growth

and multiply with great rapidity, growing and blooming profusely under any ordinary treatment. In purchasing 'Fragrance' no mistake need ever be made, as the foliage is unique, being handsomely fluted. Correspondents have been writing ever since it was first mentioned in 1894 asking when it would be introduced. It is now offered for the first time."

Each, 75c.; 3 for \$2.00, postpaid.

## "Angel's Tears"

or Cyclamen Flowered Daffodil.

The Grandest Narcissus Novelty of the Year.

An exquisitely beautiful little flower appropriately called the "ANGEL'S TEARS" DAFFODIL, flowers white, variable in size, perianth elegantly reflexed. See illustration opposite. Each, 10c.; 3 for 25c.; dozen, 75c.; per 100, \$5.50, postpaid.

SPECIAL PRICES on Bulbs, Grass Seeds, etc.

Quoted to Parks, Public Institutions, etc.

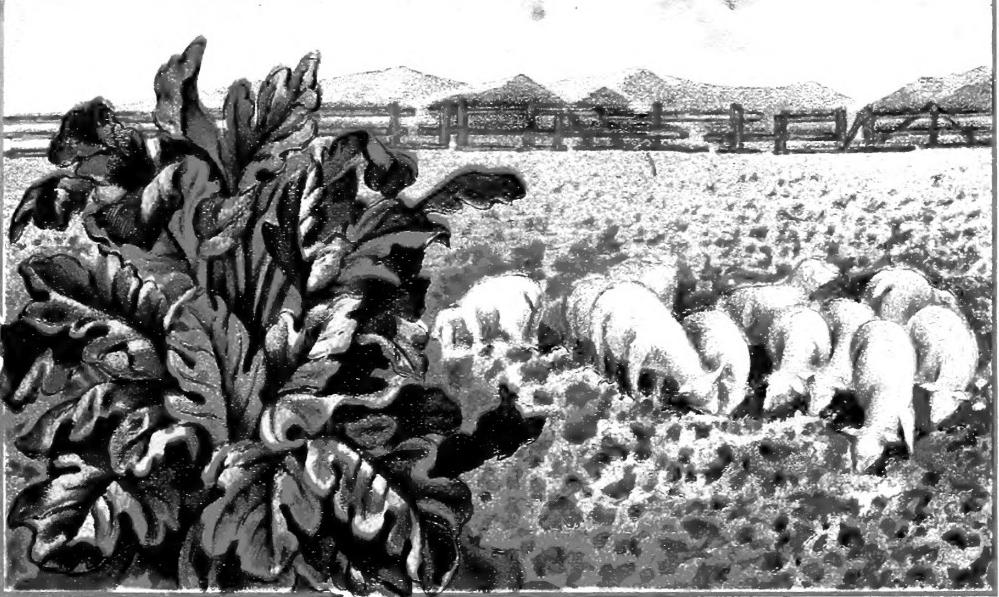
Please Send us Your List of Wants

For Estimate.



NEW  
PARISIAN  
HARDY

LILUM CANDIDUM



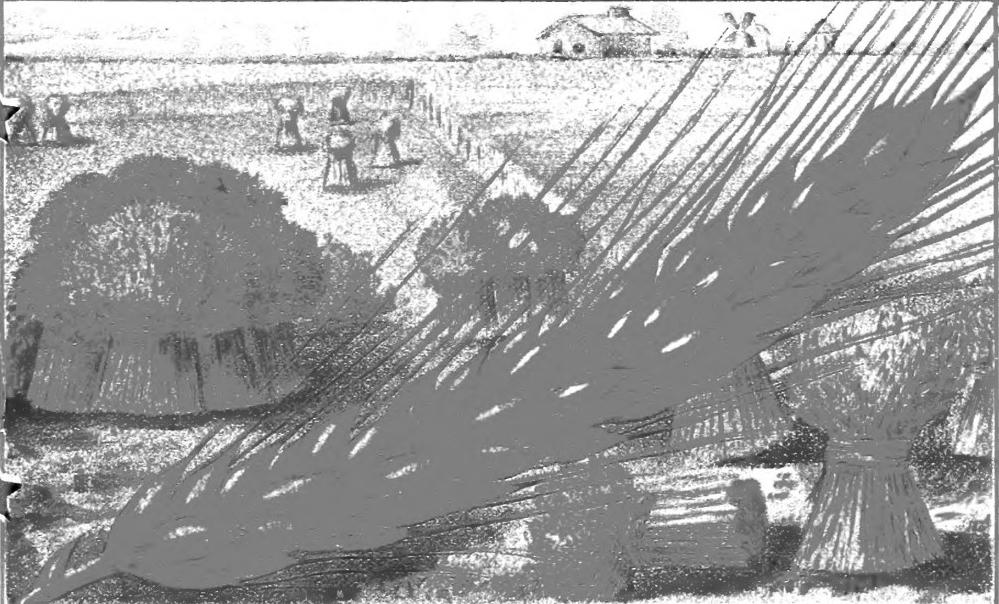
## DWARF ESSEX RAPE

GREATEST PASTURE FOOD KNOWN FOR SHEEP, HOGS AND CALVES.

USED UNIVERSALLY IN ENGLAND, AND NOW COMING INTO VERY GENERAL USE IN THE UNITED STATES. ITS LEAFY STALKS RESEMBLE RUTABAGA, BUT ARE LARGER AND MORE NUMEROUS.

SOW FROM AUGUST UNTIL OCTOBER. FIVE POUNDS WILL SOW AN ACRE.

Price for true imported Essex Seed by mail  
1 LB. 25¢; 3 LBS. 60¢;  
BY FREIGHT OR EXPRESS AT PURCHASER'S EXPENSE. 10 LBS. FOR \$1.25; 25 LBS. \$3.25;  
100 LBS. \$8.00



## NIGER WHEAT

HANDSOME RED WHEAT,  
BEARDED.

STIFF STRAW, MEDIUM HEIGHT.  
THE BERRY IS UNIFORMLY LARGE THROUGHOUT THE HEAD, AND VERY HARD AND FLINTY.

A POPULAR MILLING VARIETY  
BEST RED FOR THE CENTRAL STATES.  
PRICE BY MAIL, 1 LB. 25¢, 3 LBS. 60¢.  
BY FREIGHT OR EXPRESS AT PURCHASER'S EXPENSE. PECK 50¢; BUSH. \$1.70;  
10 BUSH. \$15.00. Bags included.

COLUMBIAN MEDAL AWARDED.



## CRIMSON CLOVER

SOWN IN AUGUST OR EARLY SEPTEMBER.  
MAKES A DESIRABLE LATE FALL FEED.  
IT CAN THEN BE FED OR CUT IN THE SPRING, AND THEN PLOWED UNDER FOR MANURING A REGULAR SUMMER CROP. A GREAT PLANT FOR IMPROVING THE SOIL THROUGH THE ACTION OF ITS LONG ROOTS.

SOW 10 LBS. TO THE ACRE.  
Present price of CRIMSON CLOVER by mail:

1 LB. 25¢. 3 LBS. 60¢.  
BY FREIGHT OR EXPRESS AT PURCHASER'S EXPENSE. 10 LBS. FOR 75¢. 25 LBS. \$1.50;  
100 LBS. \$5.50.

PRICE SUBJECT TO CHANGE WITHOUT NOTICE.